

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072250.D
 Acq On : 28 Apr 2022 20:12
 Operator : JC\MD
 Sample : N2617-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14S

Quant Time: Apr 29 06:37:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	280923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	517028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	581242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	259854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	209050	48.472	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.940%		
35) Dibromofluoromethane	8.022	113	154670	46.738	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.480%		
50) Toluene-d8	10.439	98	673567	51.799	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.600%		
62) 4-Bromofluorobenzene	12.727	95	312746	72.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	144.920%#		
Target Compounds						
						Qvalue
3) Chloromethane	2.257	50	16431	3.905	ug/l	# 66
5) Bromomethane	2.869	94	184	Below Cal	#	2
6) Chloroethane	3.222	64	133	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	2954	4.168	ug/l	# 72
13) Acrolein	3.993	56	98889	138.646	ug/l	# 1
14) Allyl chloride	4.957	41	94629	16.987	ug/l	# 60
15) Acrylonitrile	5.622	53	32080	14.999	ug/l	# 40
16) Acetone	4.269	43	93091	50.065	ug/l	# 62
17) Carbon Disulfide	4.522	76	554	0.450	ug/l	# 75
18) Methyl Acetate	4.934	43	45428	8.706	ug/l	# 48
20) Methylene Chloride	4.945	84	15629	4.385	ug/l	# 23
23) Vinyl Acetate	6.398	43	11706	1.215	ug/l	# 68
24) 1,1-Dichloroethane	6.398	63	2085	0.325	ug/l	# 82
25) 2-Butanone	7.339	43	26557	8.968	ug/l	# 89
28) Bromochloromethane	7.839	49	9405	3.272	ug/l	# 8
29) Tetrahydrofuran	7.663	42	993	0.511	ug/l	# 29
30) Chloroform	7.839	83	26856	4.167	ug/l	# 37
31) Cyclohexane	8.092	56	430385	74.687	ug/l	# 89
36) 1,1-Dichloropropene	8.080	75	25167	5.225	ug/l	# 72
37) Ethyl Acetate	7.339	43	26557	4.152	ug/l	# 67
38) Carbon Tetrachloride	8.080	117	32819	6.361	ug/l	# 17
39) Methylcyclohexane	9.457	83	312967	58.093	ug/l	# 92
40) Benzene	8.457	78	241115	16.138	ug/l	# 98
41) Methacrylonitrile	7.675	41	13065	4.037	ug/l	# 36
43) Isopropyl Acetate	8.551	43	66648	7.331	ug/l	# 53
45) 1,2-Dichloropropane	9.451	63	6328	1.567	ug/l	# 1
47) Bromodichloromethane	9.745	83	11231	2.116	ug/l	# 26
48) Methyl methacrylate	9.592	41	12100	2.864	ug/l	# 10
51) 4-Methyl-2-Pentanone	10.369	43	10345	1.714	ug/l	# 79
52) Toluene	10.504	92	1313196	147.022	ug/l	# 98
53) t-1,3-Dichloropropene	10.504	75	18731	3.511	ug/l	# 1
55) 1,1,2-Trichloroethane	10.874	97	43304	11.563	ug/l	# 21
56) Ethyl methacrylate	10.780	69	5488	3.162	ug/l	# 5
58) 2-Chloroethyl Vinyl ether	10.022	63	3237	19.437	ug/l	# 44
59) 2-Hexanone	11.086	43	8868	2.085	ug/l	# 43
65) Chlorobenzene	11.916	112	6054	0.515	ug/l	# 43

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

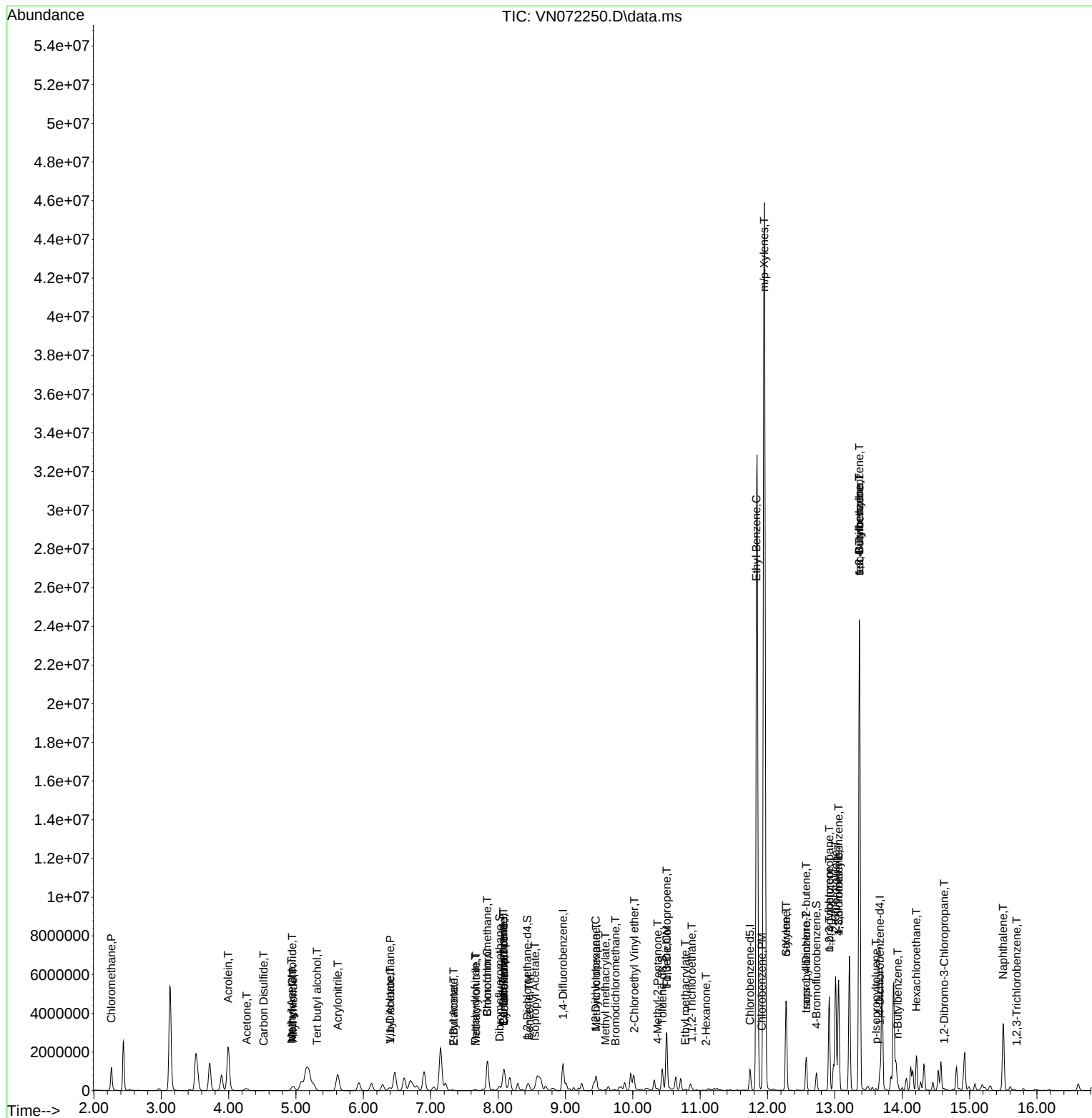
67) Ethyl Benzene	11.833	91	19476482	950.951	ug/l	91
68) m/p-Xylenes	11.951	106	14802478	1946.302	ug/l #	1
69) o-Xylene	12.274	106	1202012	163.028	ug/l	88
70) Styrene	12.274	104	59216	5.099	ug/l #	1
73) Isopropylbenzene	12.574	105	1114885	48.578	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.804	83	572	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.915	75	25843	0.944	ug/l #	1
78) n-propylbenzene	12.915	91	3726890	147.405	ug/l	96
79) 2-Chlorotoluene	13.010	91	568855	34.254	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	3141636	164.369	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.574	75	15361	6.835	ug/l #	70
82) 4-Chlorotoluene	13.057	91	356422	23.056	ug/l #	40
83) tert-Butylbenzene	13.362	119	1600180	95.354	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.362	105	13585965	734.659	ug/l	95
85) sec-Butylbenzene	13.362	105	13585965	620.969	ug/l #	56
86) p-Isopropyltoluene	13.610	119	48597	2.849	ug/l #	77
89) n-Butylbenzene	13.933	91	129084	9.880	ug/l #	74
90) Hexachloroethane	14.209	117	87016	23.500	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.621	75	646	0.407	ug/l #	1
95) Naphthalene	15.498	128	3149255	218.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	81	2.693	ug/l #	12

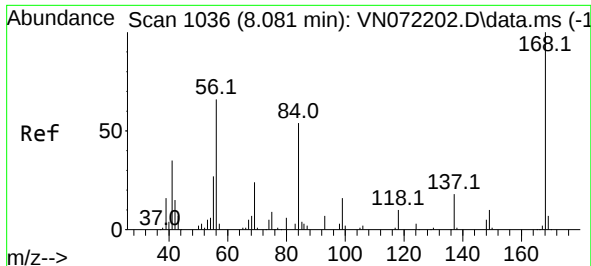
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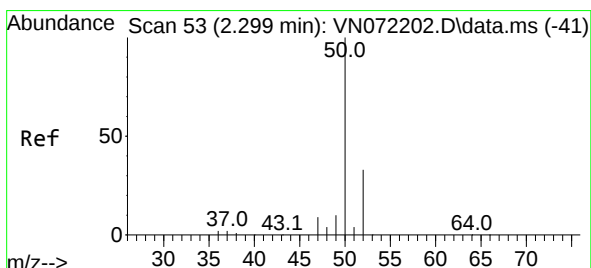
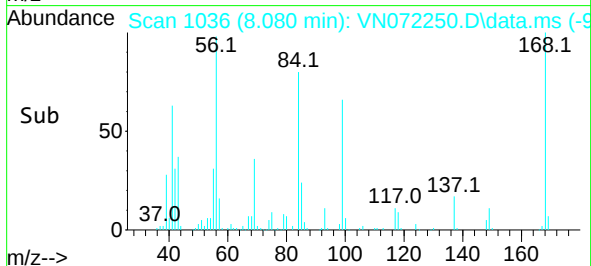
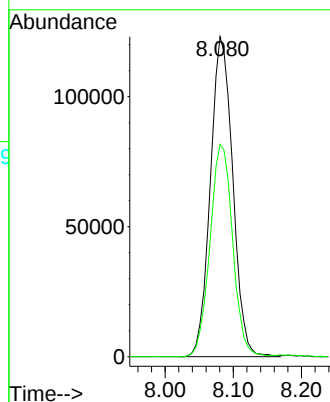
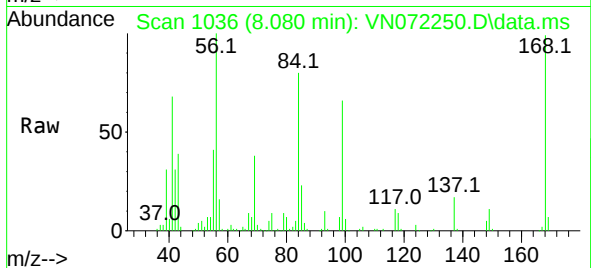




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072250.D
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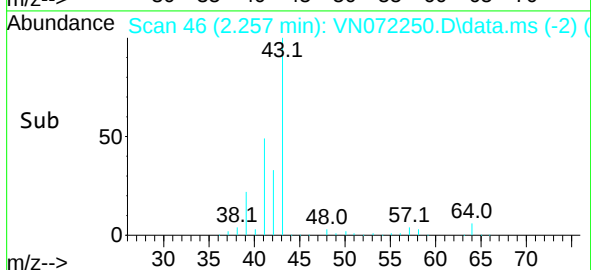
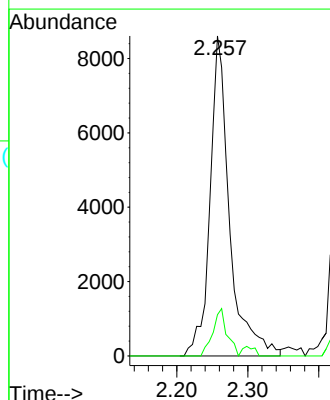
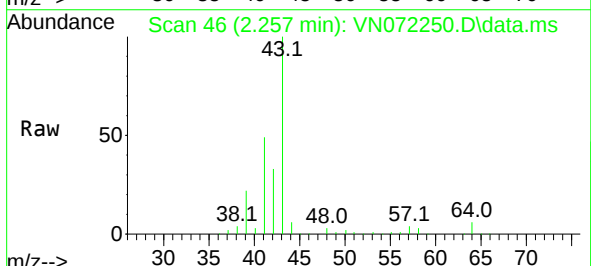
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MW-14S

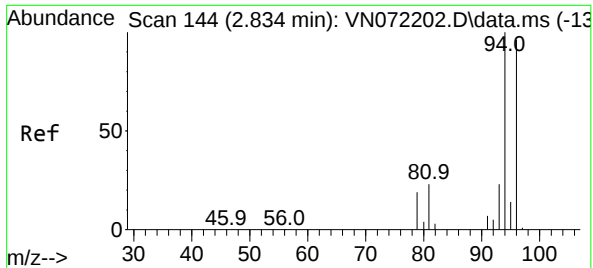
Tgt Ion:168 Resp: 280923
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#3
Chloromethane
Concen: 3.905 ug/l
RT: 2.257 min Scan# 46
Delta R.T. -0.042 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 50 Resp: 16431
Ion Ratio Lower Upper
50 100
52 12.9 25.7 38.5#

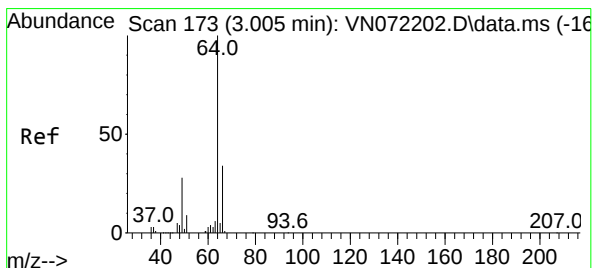
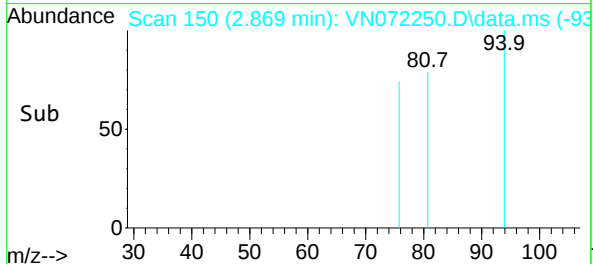
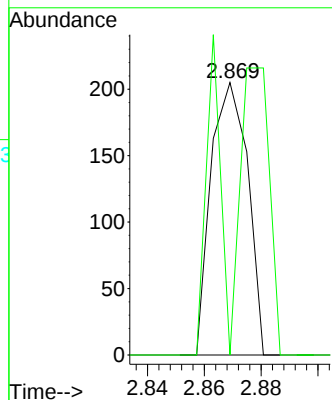
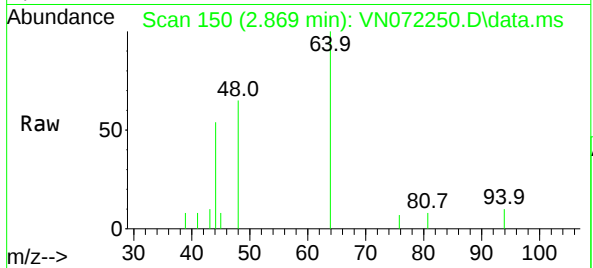




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

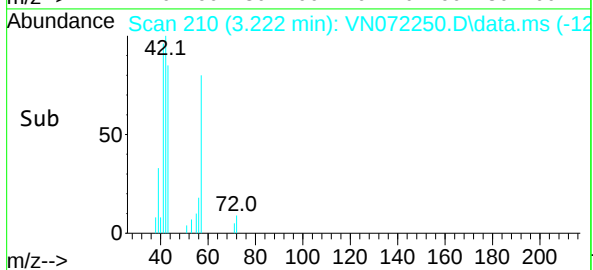
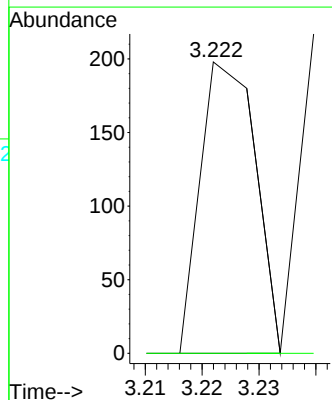
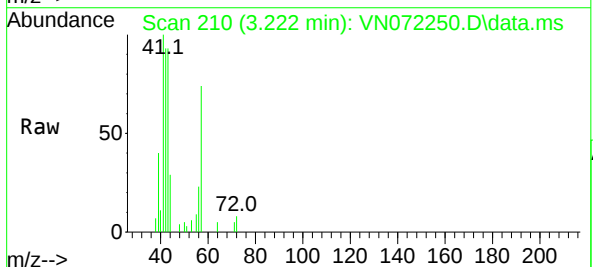
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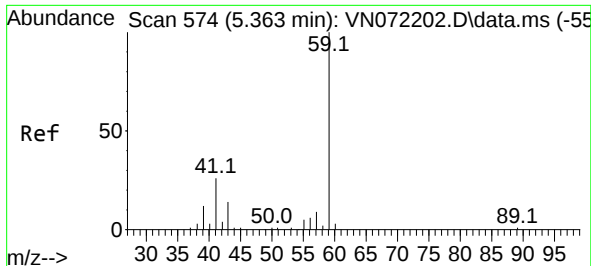
Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.222 min Scan# 210
Delta R.T. 0.217 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

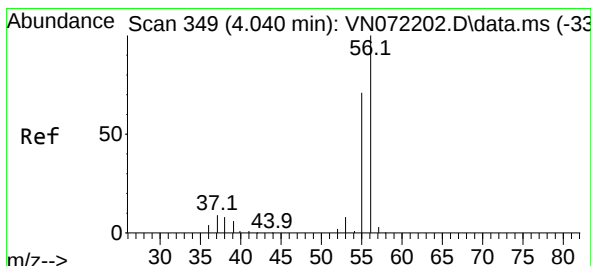
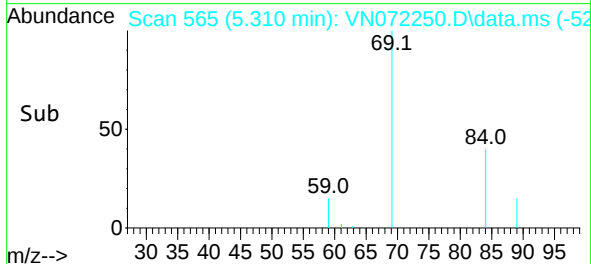
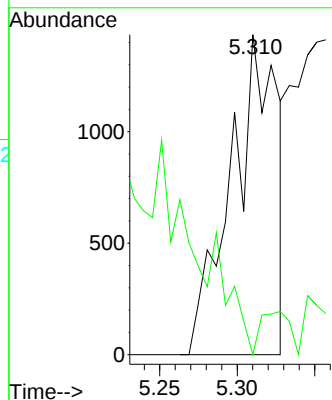
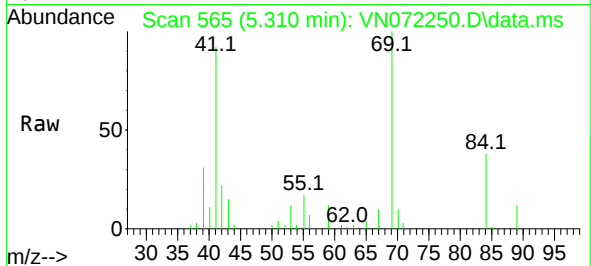




#11
Tert butyl alcohol
Concen: 4.168 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.053 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

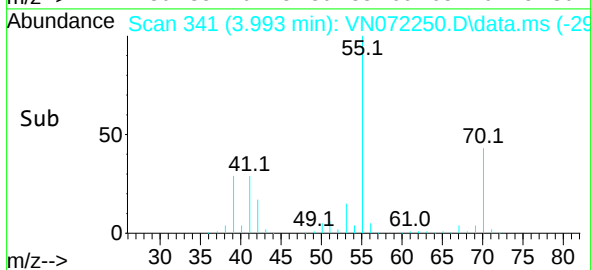
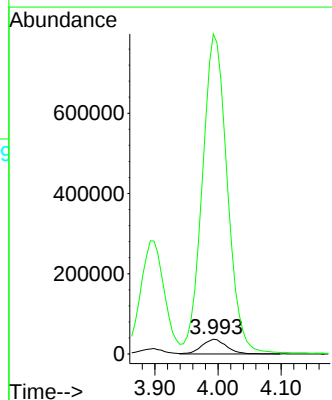
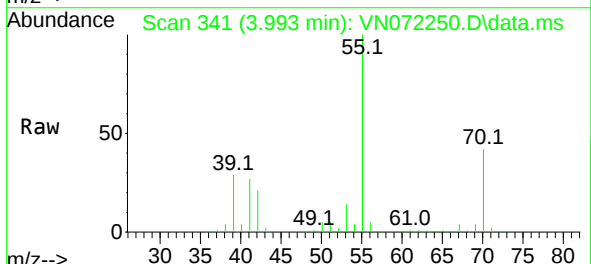
Instrument :
MSVOA_N
ClientSampleId :
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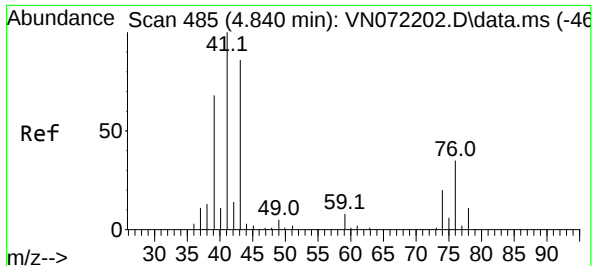
Tgt Ion: 59 Resp: 2954
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 138.646 ug/l
RT: 3.993 min Scan# 341
Delta R.T. -0.047 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 56 Resp: 98889
Ion Ratio Lower Upper
56 100
55 2200.1 54.8 82.2#





#14

Allyl chloride

Concen: 16.987 ug/l

RT: 4.957 min Scan# 50

Delta R.T. 0.117 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-14S

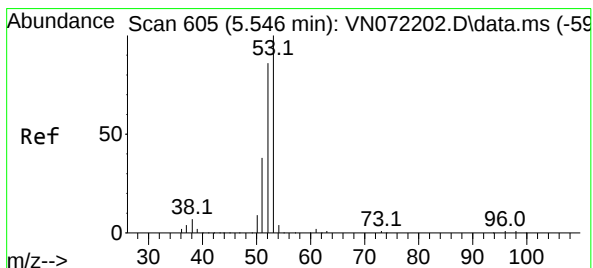
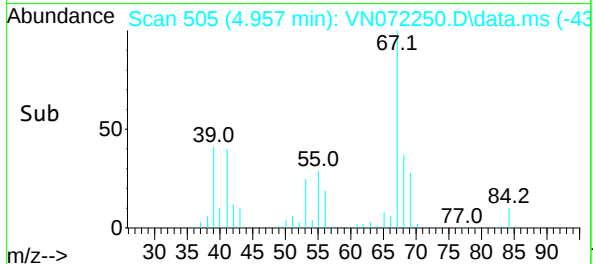
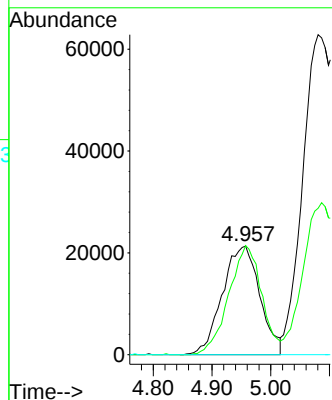
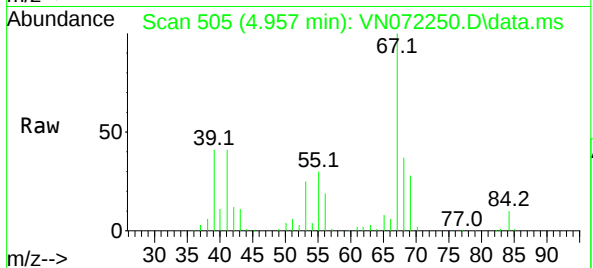
Tgt Ion: 41 Resp: 94629

Ion Ratio Lower Upper

41 100

39 88.2 53.2 79.8#

76 0.0 29.9 44.9#



#15

Acrylonitrile

Concen: 14.999 ug/l

RT: 5.622 min Scan# 618

Delta R.T. 0.076 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

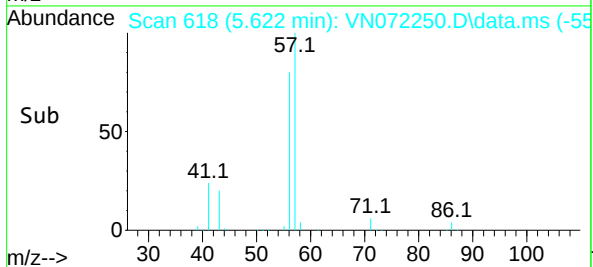
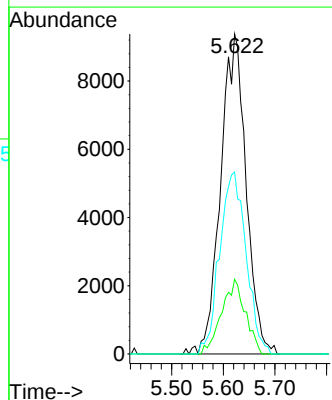
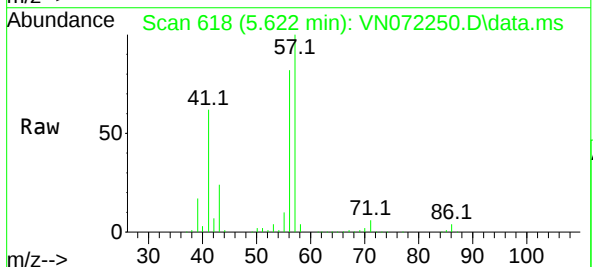
Tgt Ion: 53 Resp: 32080

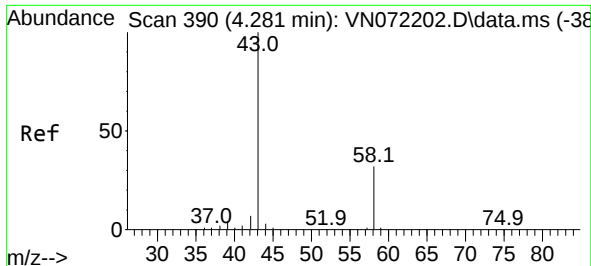
Ion Ratio Lower Upper

53 100

52 21.7 66.4 99.6#

51 59.1 28.5 42.7#

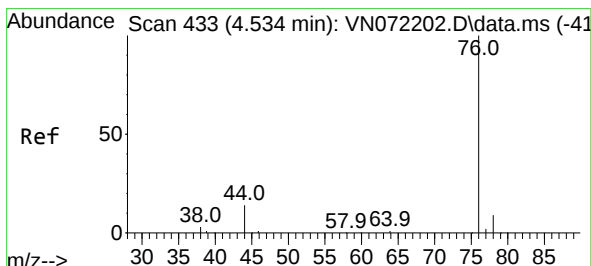
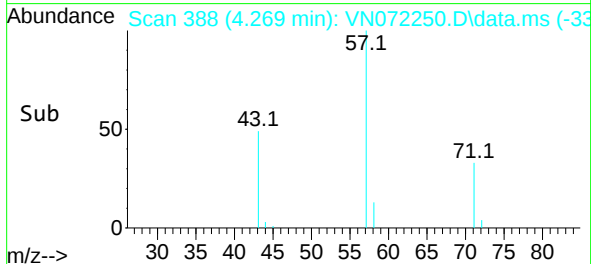
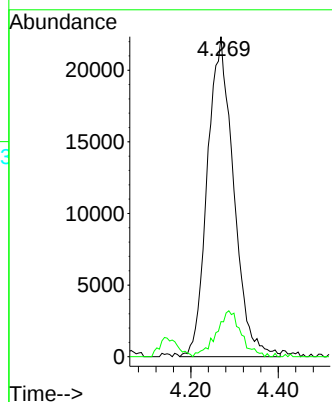
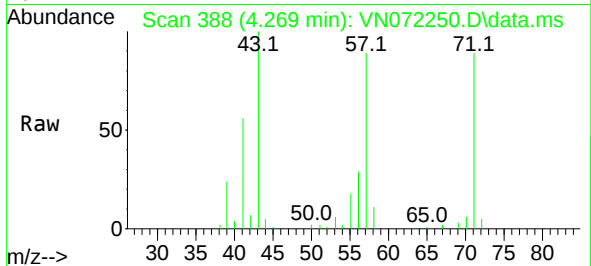




#16
Acetone
Concen: 50.065 ug/l
RT: 4.269 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

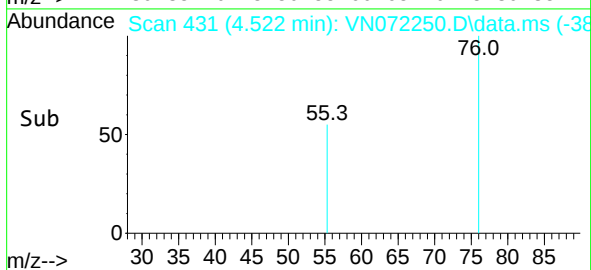
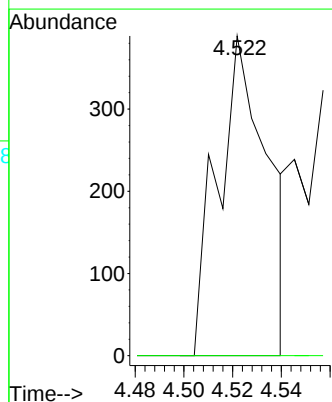
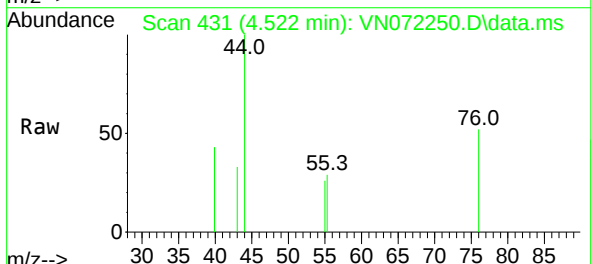
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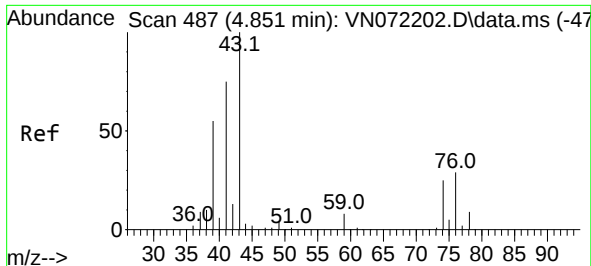
Tgt Ion: 43 Resp: 93091
Ion Ratio Lower Upper
43 100
58 11.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.450 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 76 Resp: 554
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

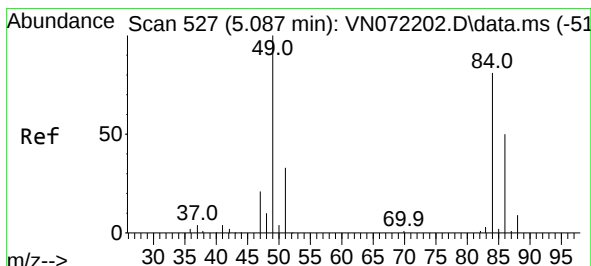
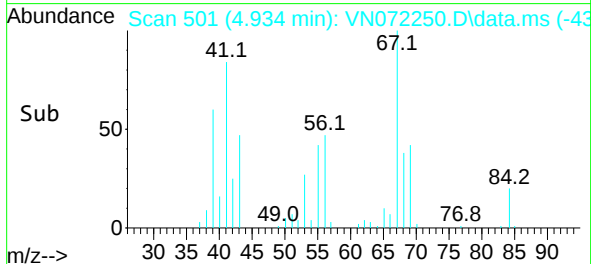
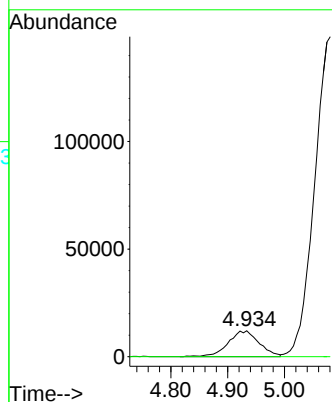
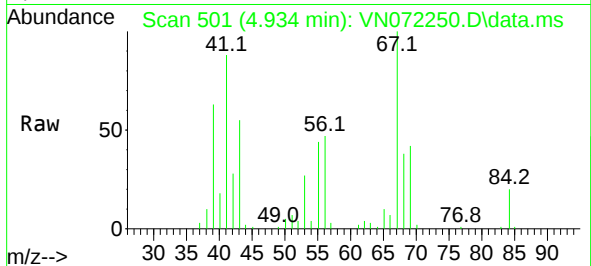




#18
Methyl Acetate
Concen: 8.706 ug/l
RT: 4.934 min Scan# 501
Delta R.T. 0.083 min
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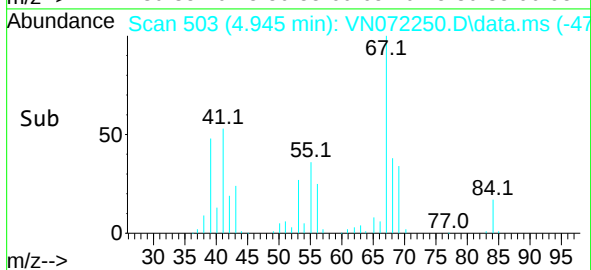
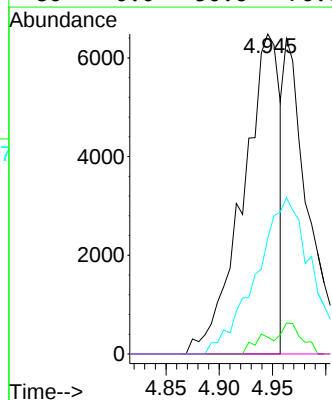
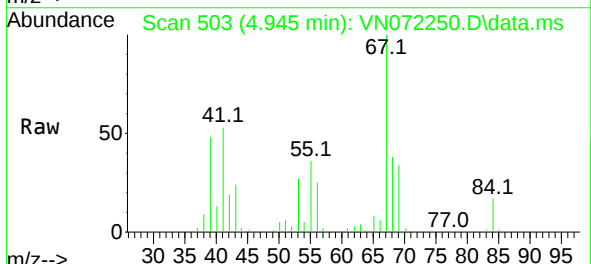
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

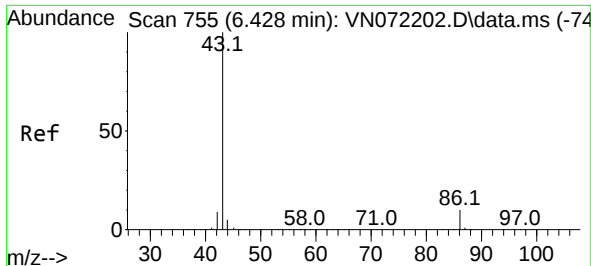
Tgt Ion: 43 Resp: 45428
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 4.385 ug/l
RT: 4.945 min Scan# 503
Delta R.T. -0.142 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 84 Resp: 15629
Ion Ratio Lower Upper
84 100
49 5.2 88.3 132.5#
51 36.1 28.2 42.2
86 0.0 50.6 76.0#

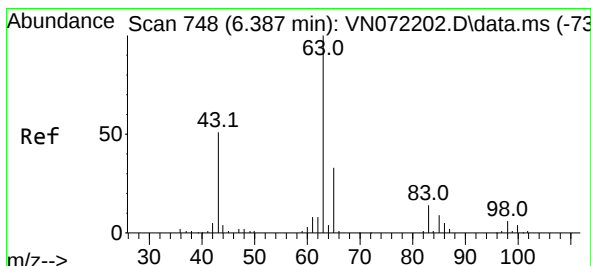
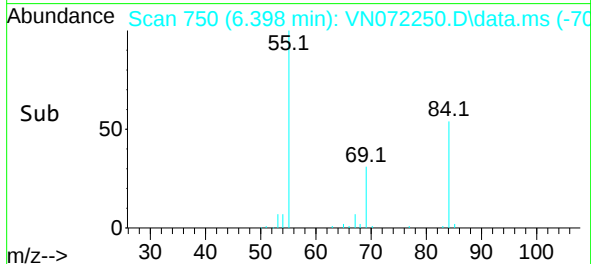
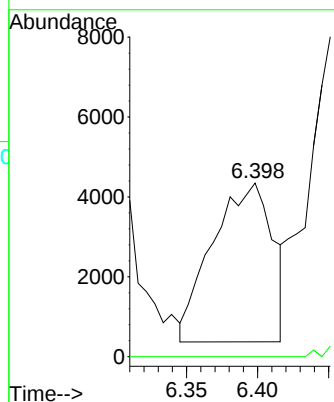
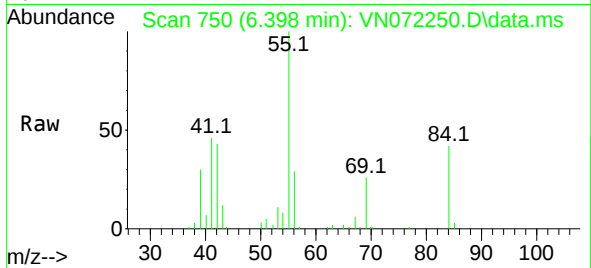




#23
 Vinyl Acetate
 Concen: 1.215 ug/l
 RT: 6.398 min Scan# 750
 Delta R.T. -0.030 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

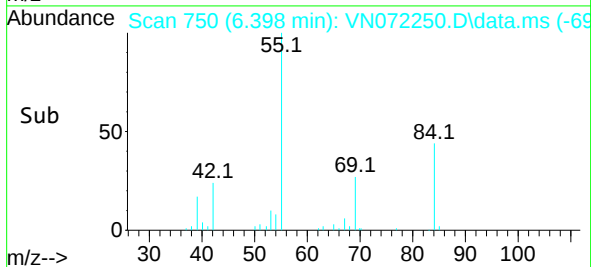
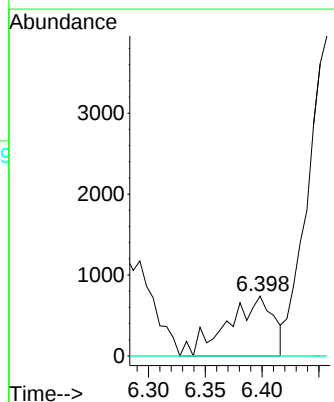
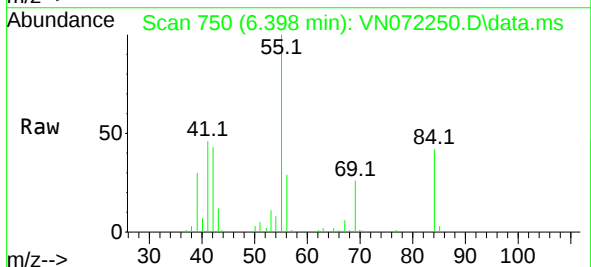
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14S

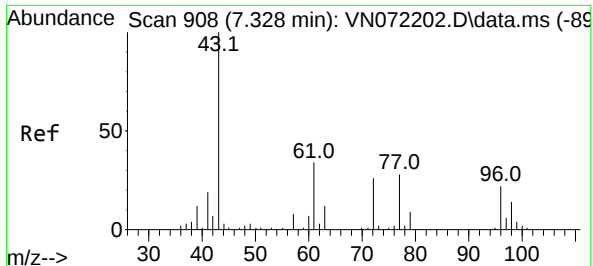
Tgt Ion: 43 Resp: 11706
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.325 ug/l
 RT: 6.398 min Scan# 750
 Delta R.T. 0.011 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

Tgt Ion: 63 Resp: 2085
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 8.968 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

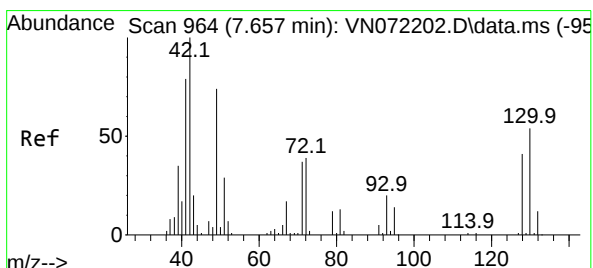
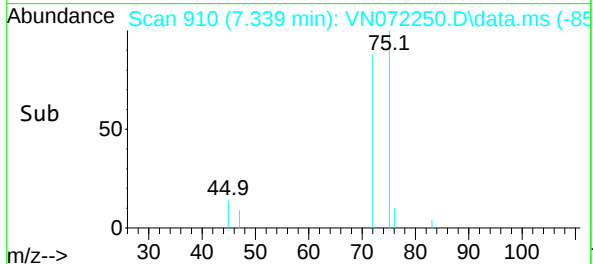
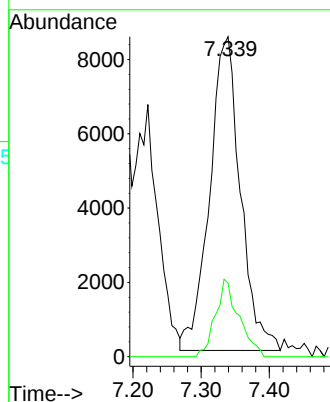
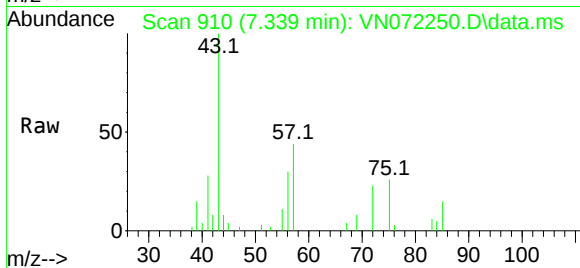
MW-14S

Tgt Ion: 43 Resp: 26557

Ion Ratio Lower Upper

43 100

72 23.5 23.7 35.5#



#28

Bromochloromethane

Concen: 3.272 ug/l

RT: 7.839 min Scan# 995

Delta R.T. 0.182 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

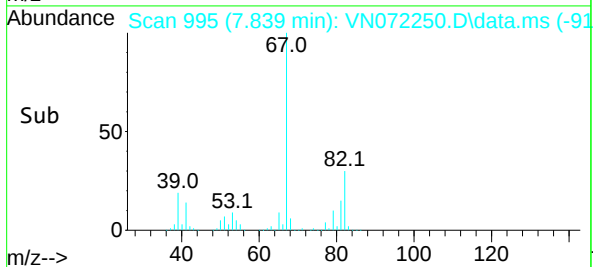
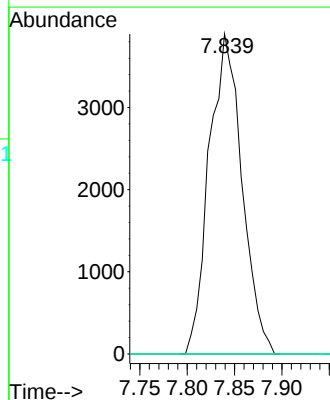
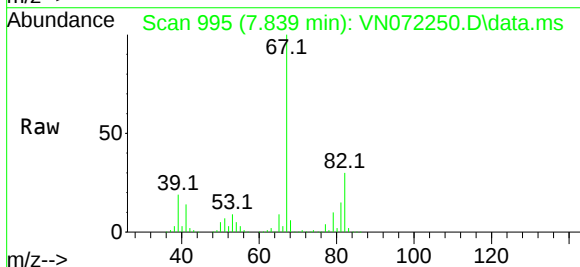
Tgt Ion: 49 Resp: 9405

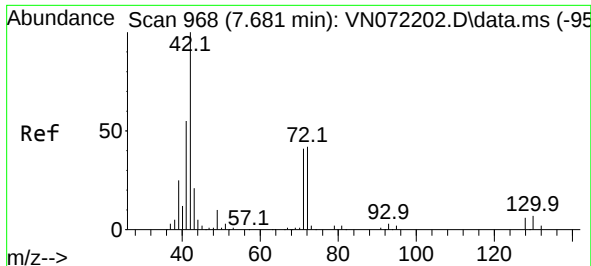
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 0.511 ug/l

RT: 7.663 min Scan# 9

Delta R.T. -0.018 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-14S

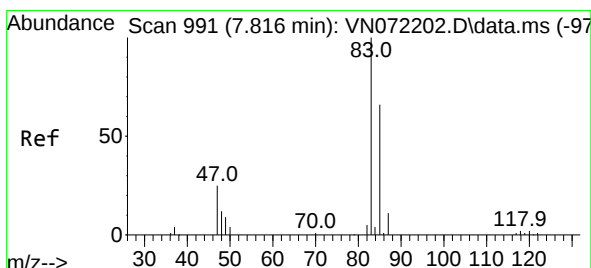
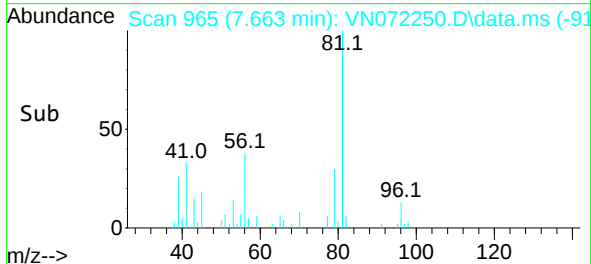
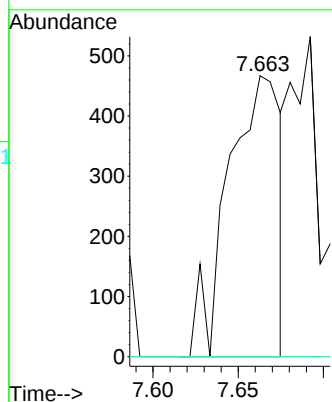
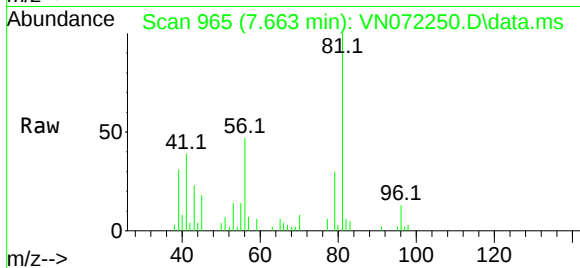
Tgt Ion: 42 Resp: 993

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 4.167 ug/l

RT: 7.839 min Scan# 995

Delta R.T. 0.023 min

Lab File: VN072250.D

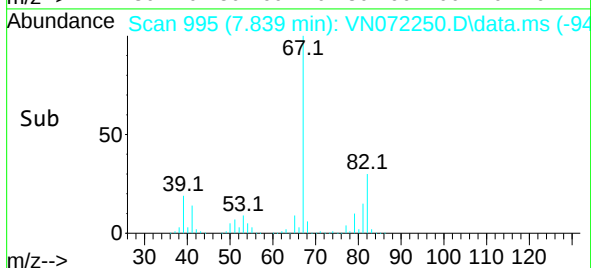
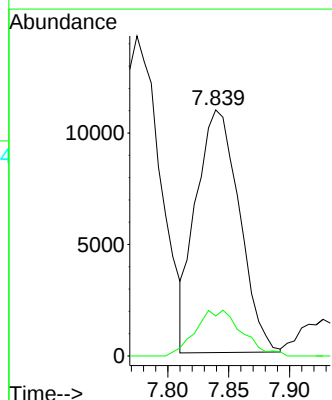
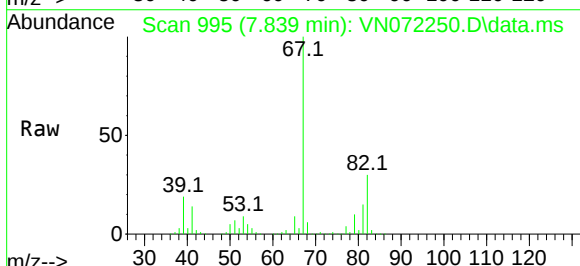
Acq: 28 Apr 2022 20:12

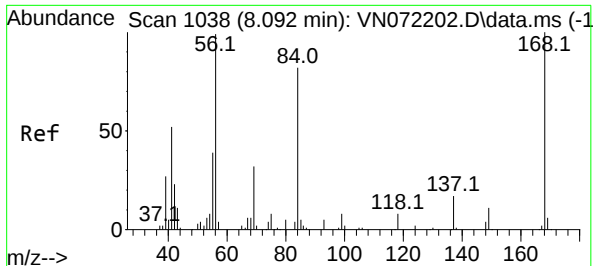
Tgt Ion: 83 Resp: 26856

Ion Ratio Lower Upper

83 100

85 15.0 51.8 77.8#





#31

Cyclohexane

Concen: 74.687 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-14S

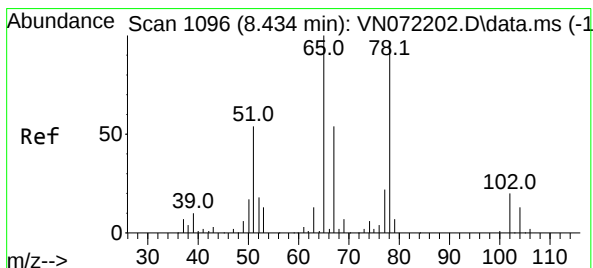
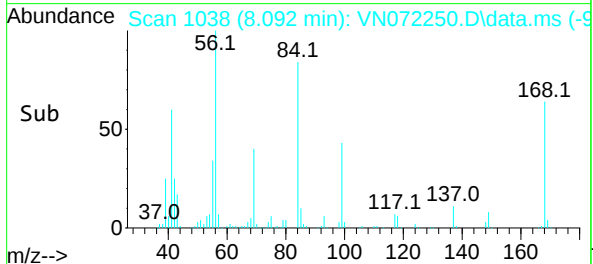
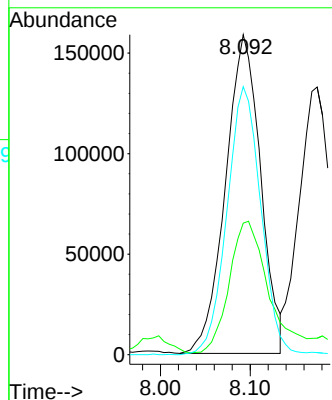
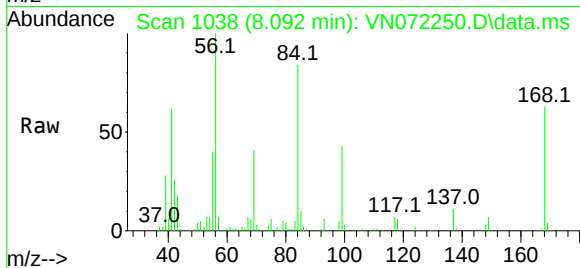
Tgt Ion: 56 Resp: 430385

Ion Ratio Lower Upper

56 100

69 39.5 27.8 41.8

84 84.1 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 48.472 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072250.D

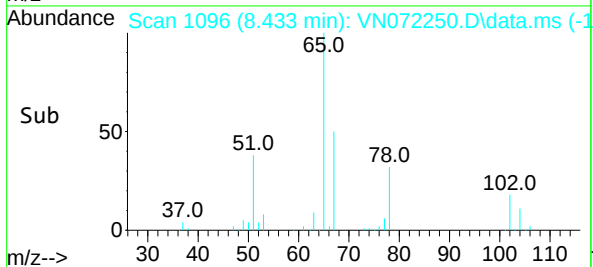
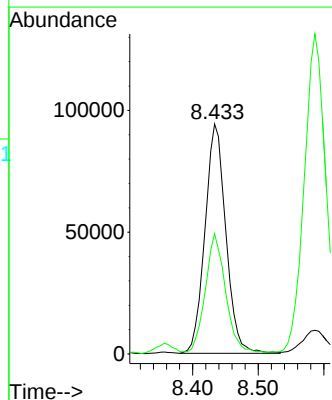
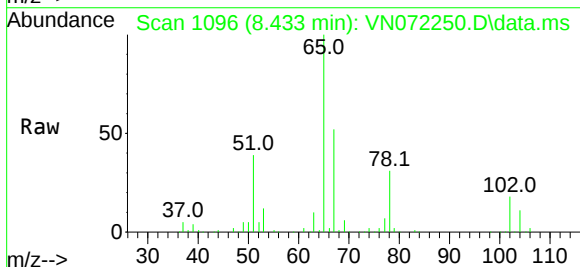
Acq: 28 Apr 2022 20:12

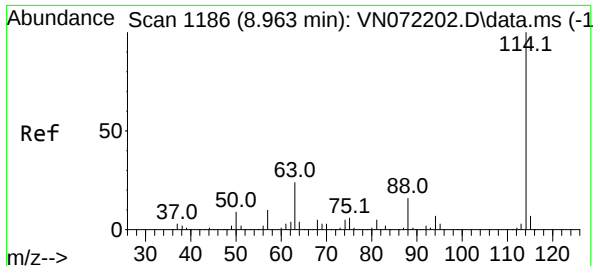
Tgt Ion: 65 Resp: 209050

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-14S

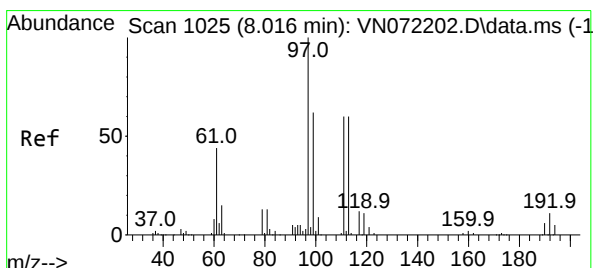
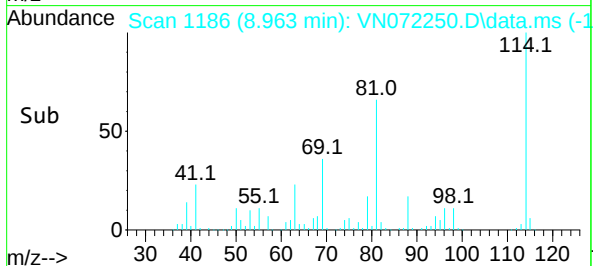
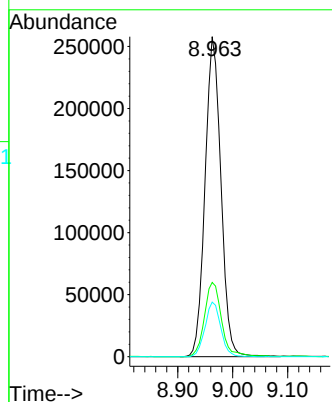
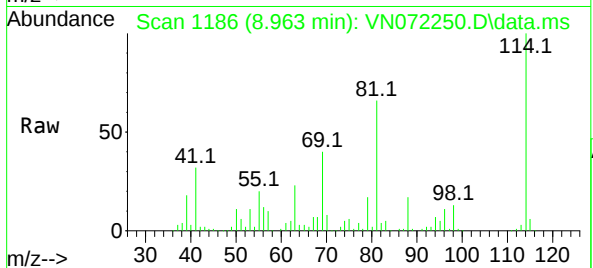
Tgt Ion:114 Resp: 517028

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.738 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

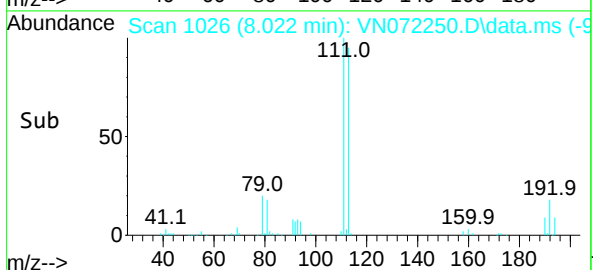
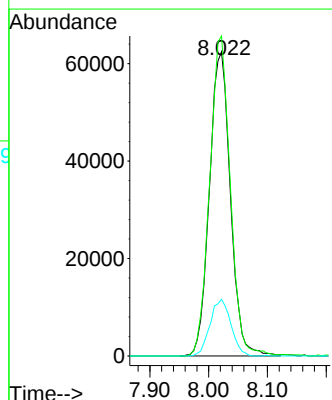
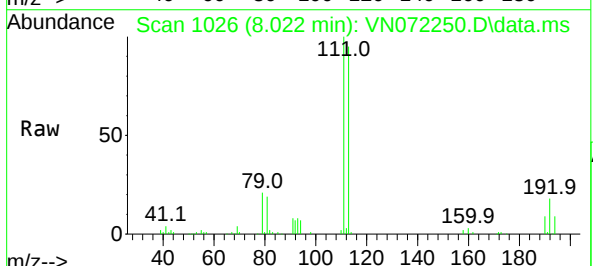
Tgt Ion:113 Resp: 154670

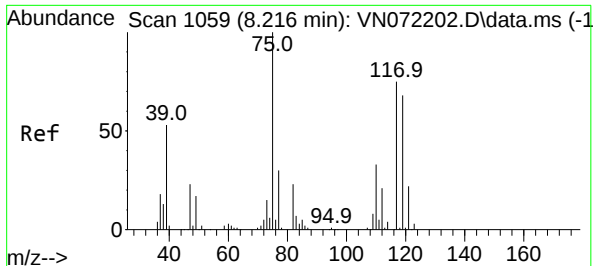
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.225 ug/l

RT: 8.080 min Scan# 1

Delta R.T. -0.136 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-14S

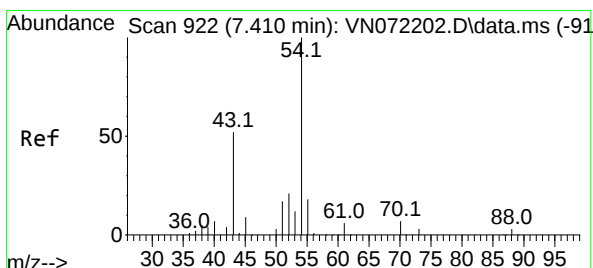
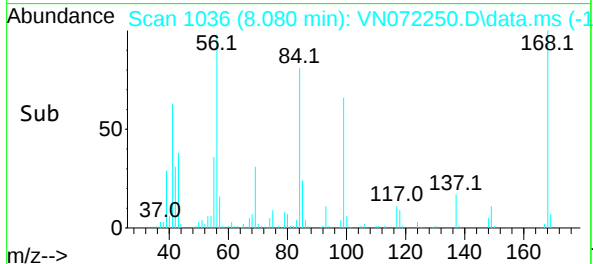
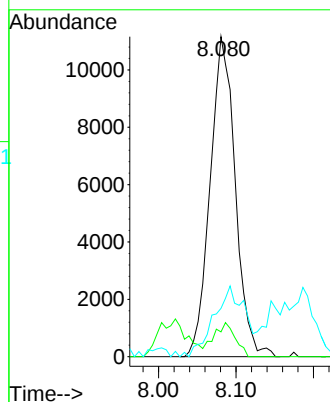
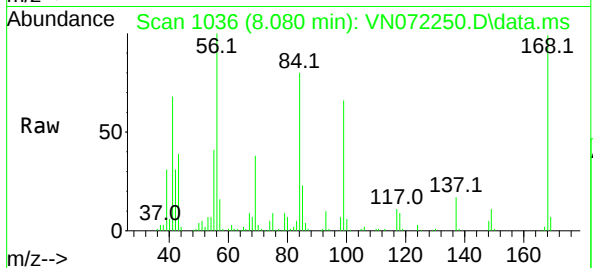
Tgt Ion: 75 Resp: 25167

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 28.0 25.1 37.7



#37

Ethyl Acetate

Concen: 4.152 ug/l

RT: 7.339 min Scan# 910

Delta R.T. -0.071 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

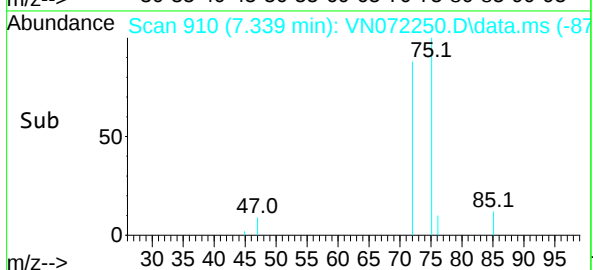
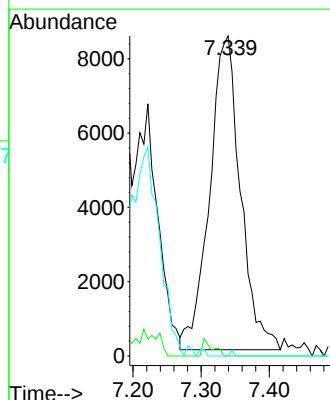
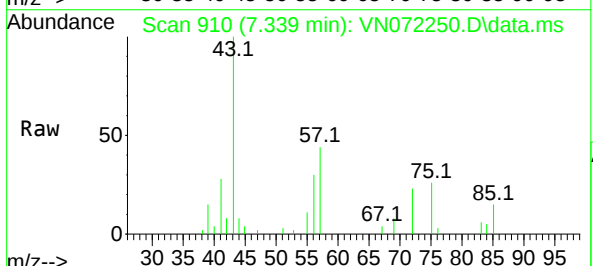
Tgt Ion: 43 Resp: 26557

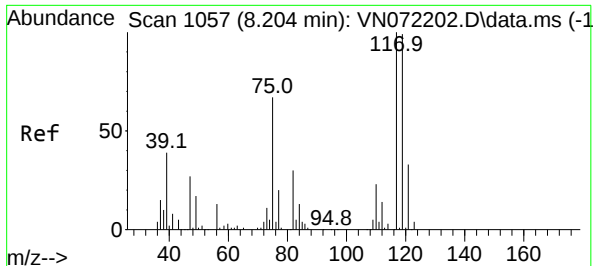
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

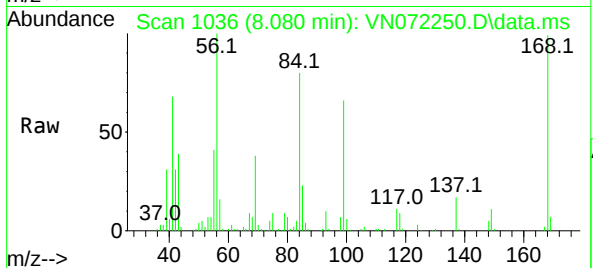
70 0.0 9.3 13.9#



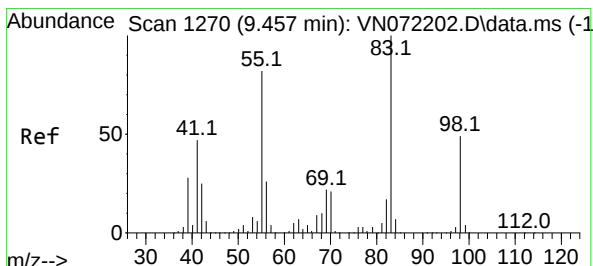
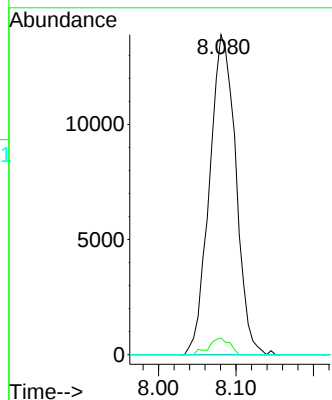
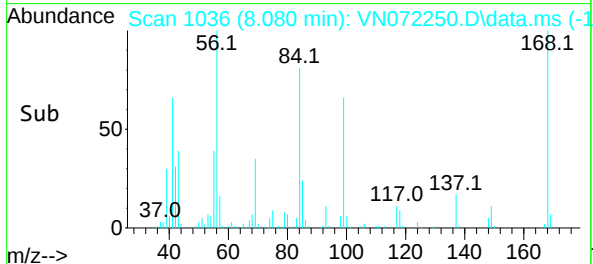


#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 8.080 min Scan# 1057
Delta R.T. -0.124 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Instrument :
MSVOA_N
ClientSampleId :
MW-14S

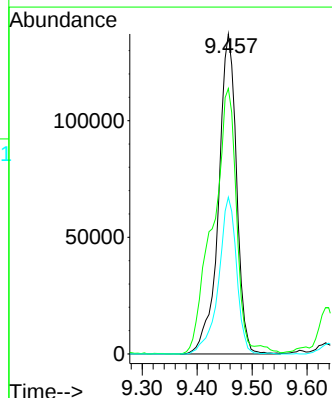
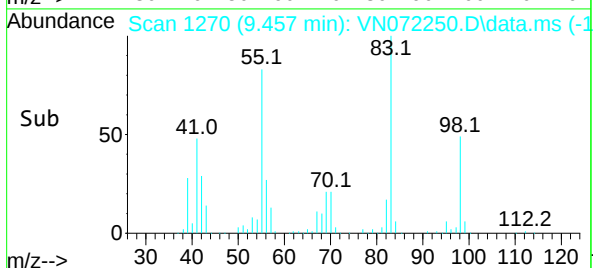
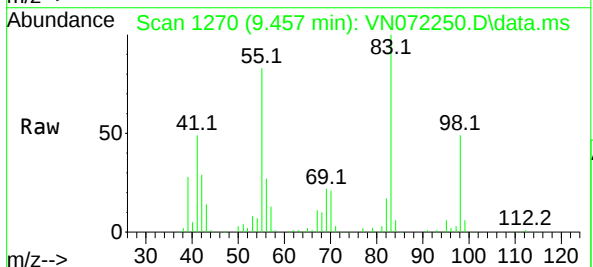


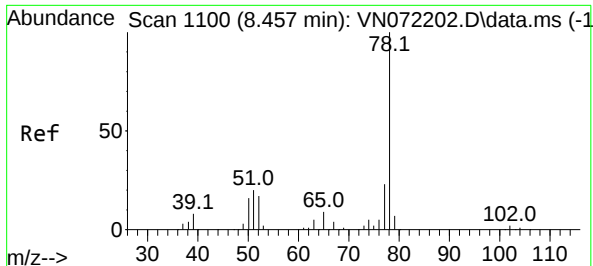
Tgt Ion:117 Resp: 32819
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 58.093 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 83 Resp: 312967
Ion Ratio Lower Upper
83 100
55 82.9 57.8 86.8
98 49.0 39.4 59.2

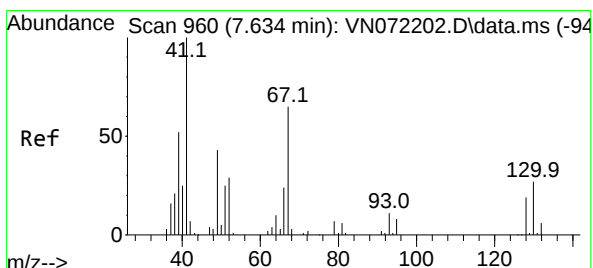
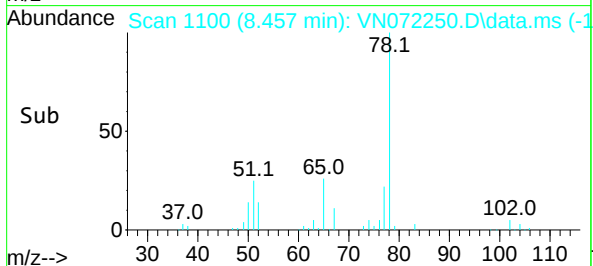
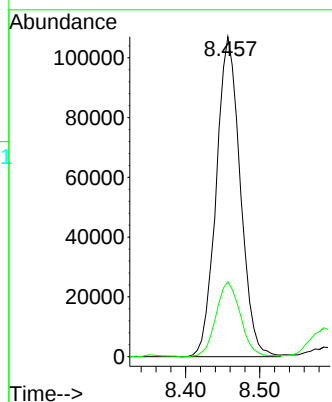
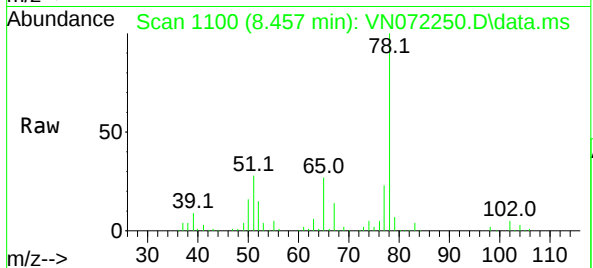




#40
Benzene
Concen: 16.138 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

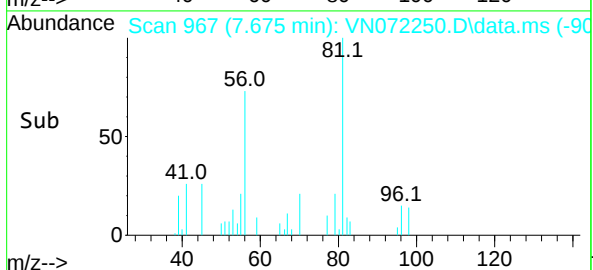
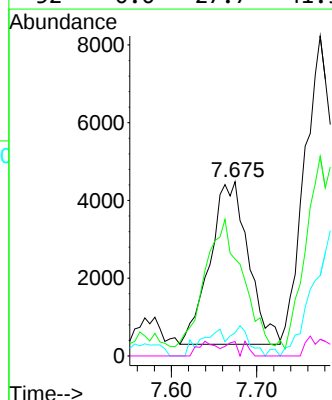
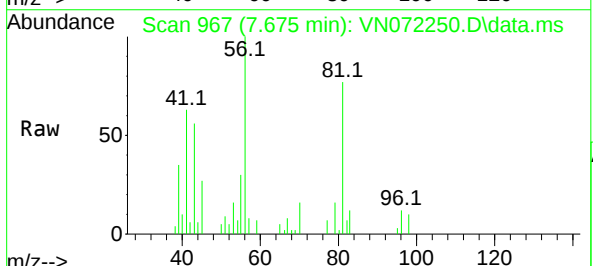
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

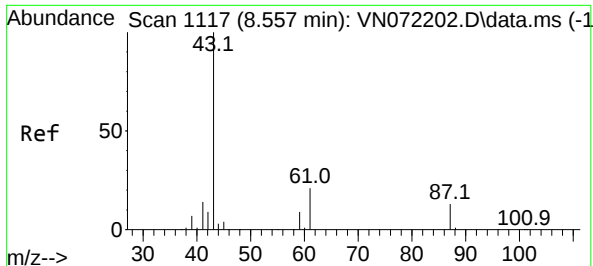
Tgt Ion: 78 Resp: 241115
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#41
Methacrylonitrile
Concen: 4.037 ug/l
RT: 7.675 min Scan# 967
Delta R.T. 0.041 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 41 Resp: 13065
Ion Ratio Lower Upper
41 100
39 75.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

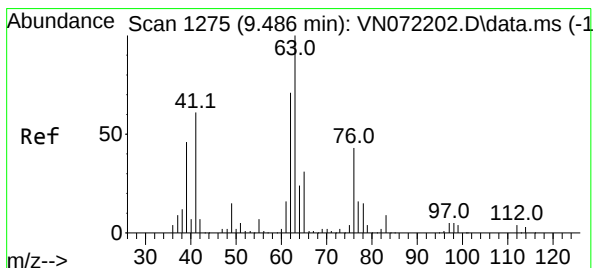
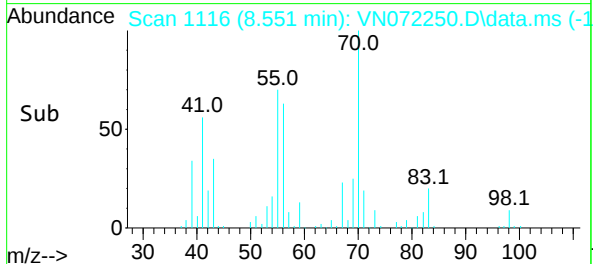
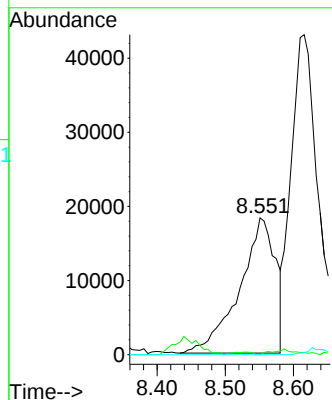
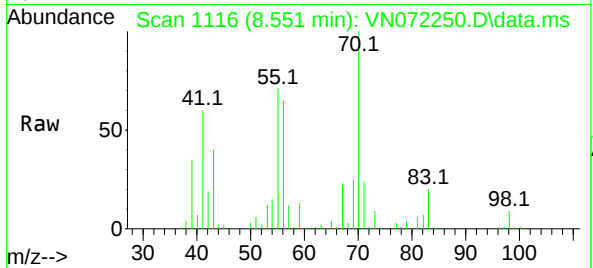




#43
Isopropyl Acetate
Concen: 7.331 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

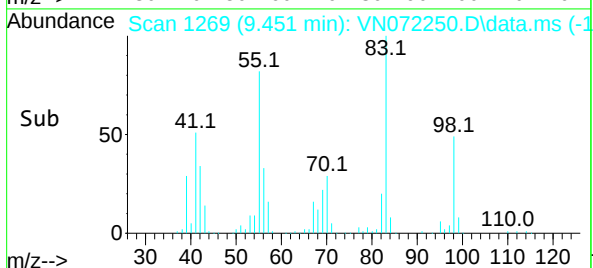
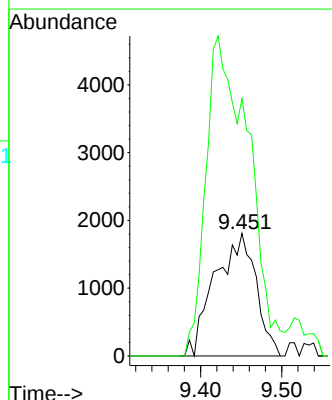
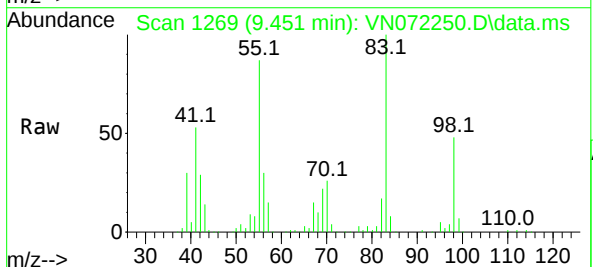
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

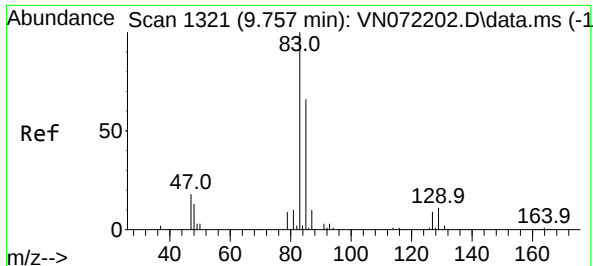
Tgt Ion: 43 Resp: 66648
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 1.567 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.035 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 63 Resp: 6328
Ion Ratio Lower Upper
63 100
65 210.2 24.9 37.3#

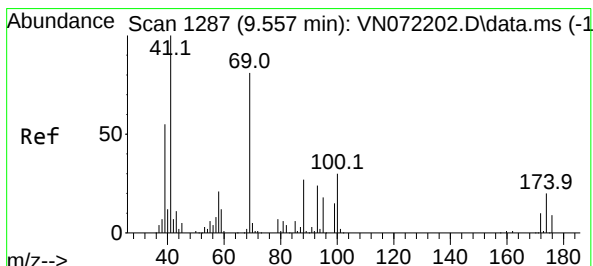
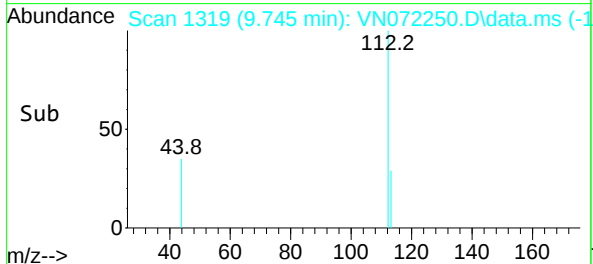
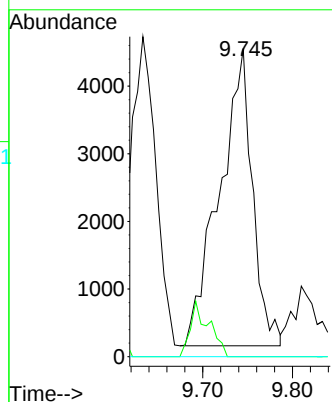
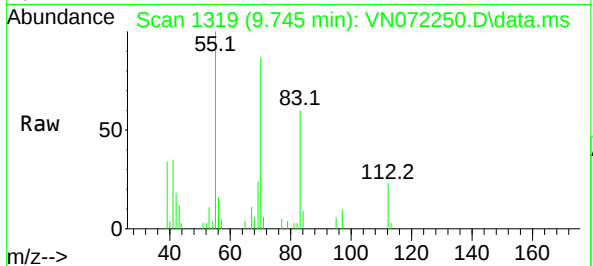




#47
Bromodichloromethane
Concen: 2.116 ug/l
RT: 9.745 min Scan# 11231
Delta R.T. -0.012 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

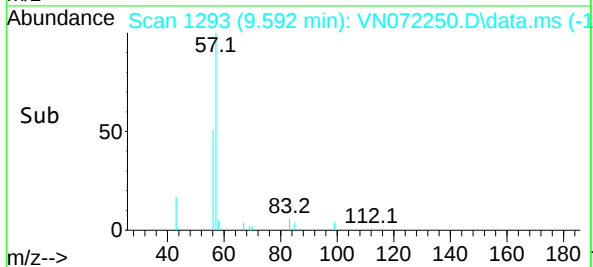
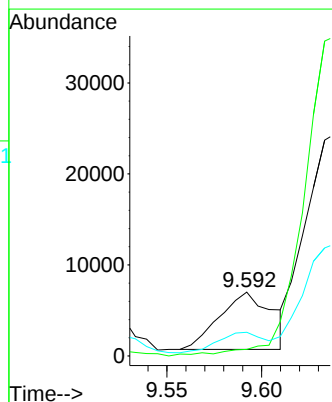
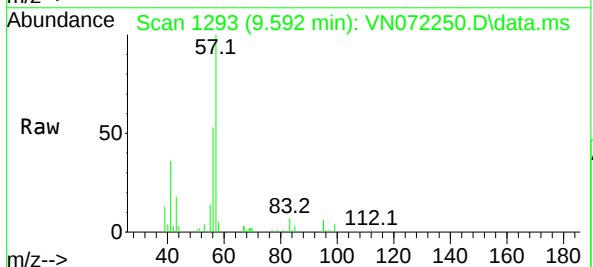
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

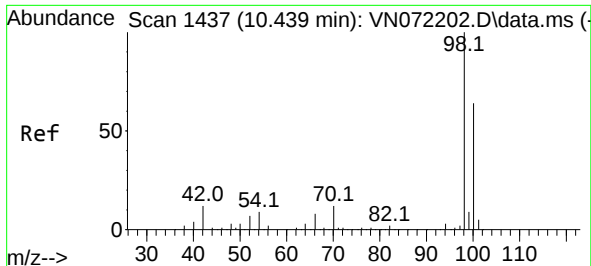
Tgt Ion: 83 Resp: 11231
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 2.864 ug/l
RT: 9.592 min Scan# 1293
Delta R.T. 0.035 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 41 Resp: 12100
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

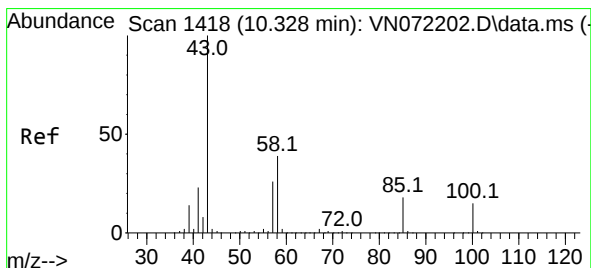
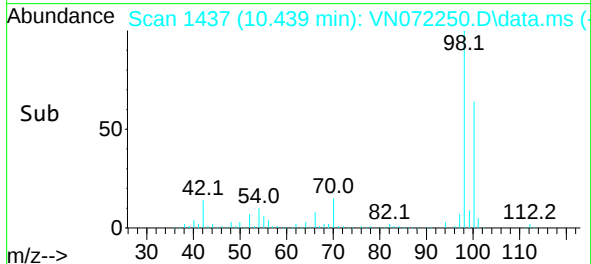
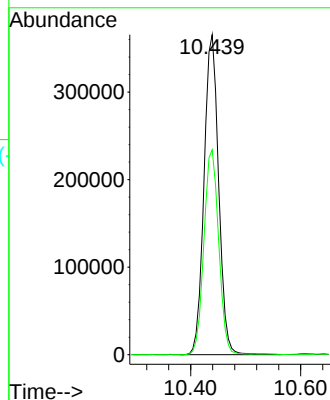
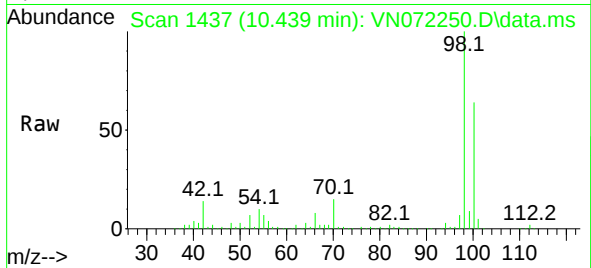




#50
Toluene-d8
Concen: 51.799 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

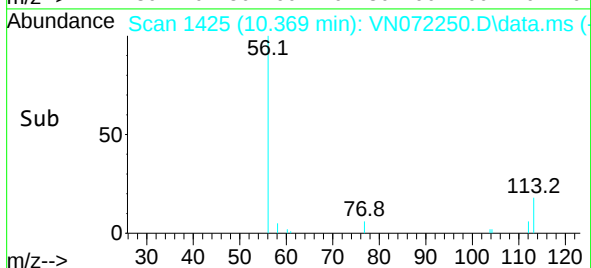
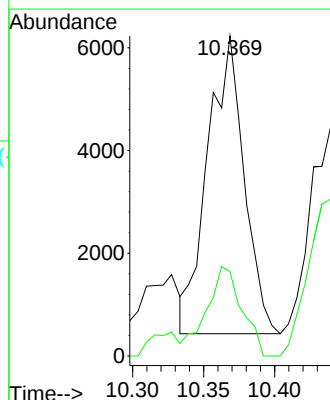
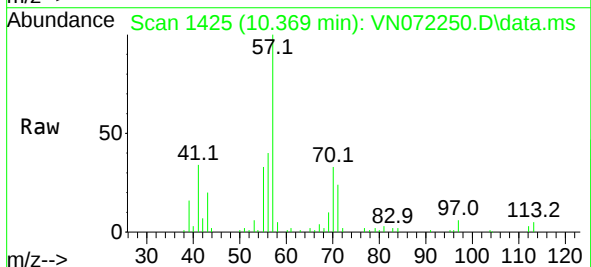
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

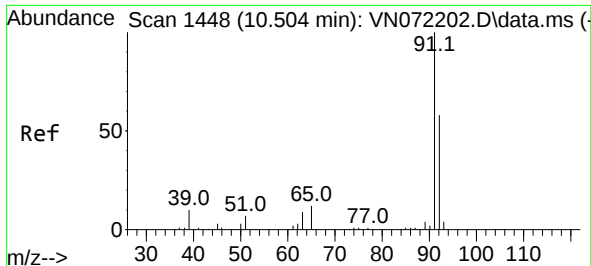
Tgt Ion: 98 Resp: 673567
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.714 ug/l
RT: 10.369 min Scan# 1425
Delta R.T. 0.041 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 43 Resp: 10345
Ion Ratio Lower Upper
43 100
58 29.2 34.1 51.1#

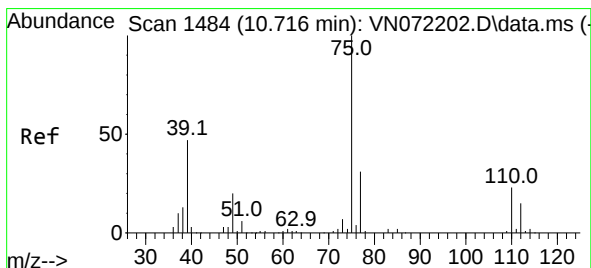
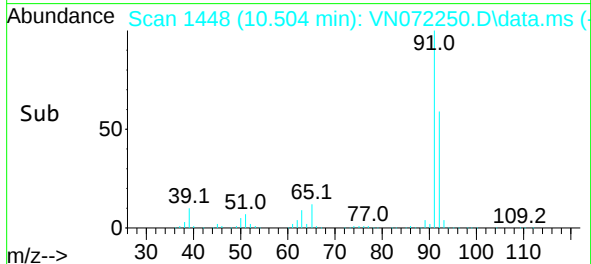
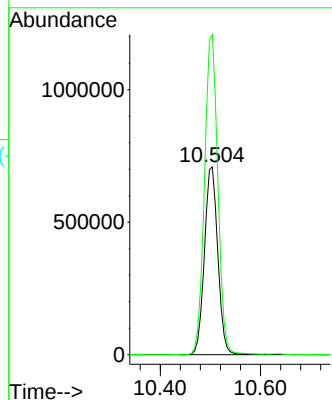
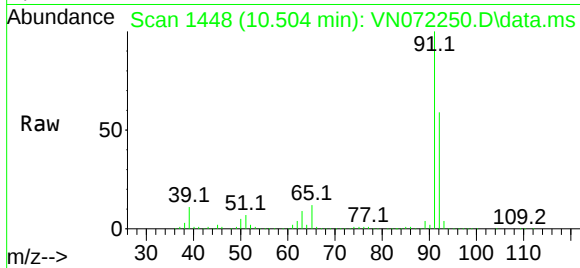




#52
Toluene
Concen: 147.022 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

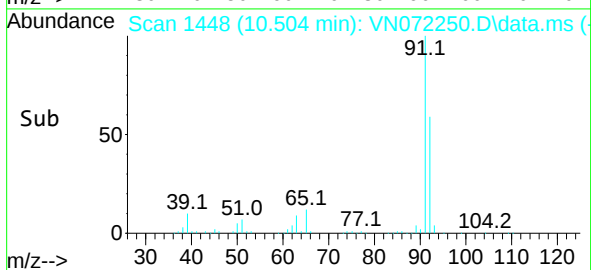
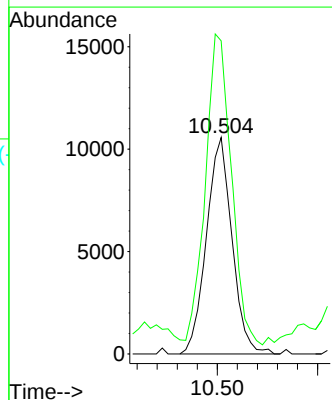
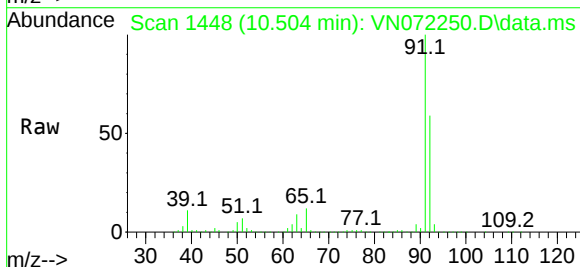
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

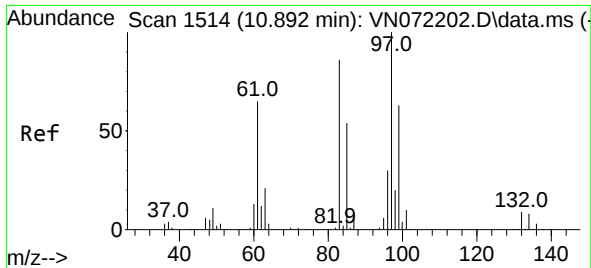
Tgt Ion: 92 Resp: 1313196
Ion Ratio Lower Upper
92 100
91 170.2 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 3.511 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.212 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 75 Resp: 18731
Ion Ratio Lower Upper
75 100
77 138.1 25.6 38.4#

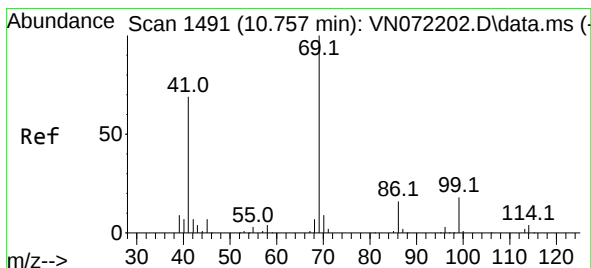
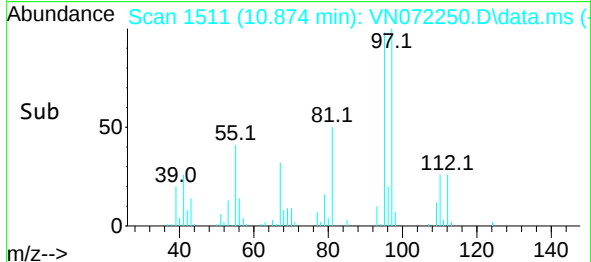
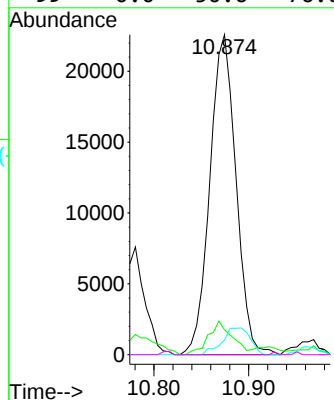
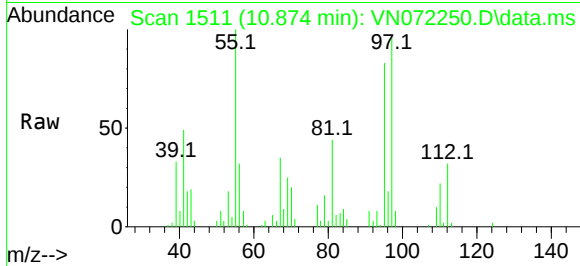




#55
1,1,2-Trichloroethane
Concen: 11.563 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

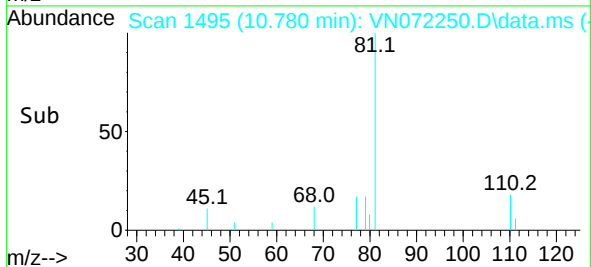
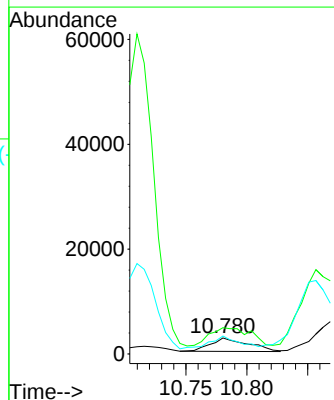
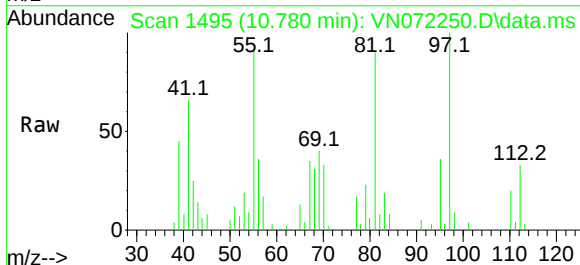
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

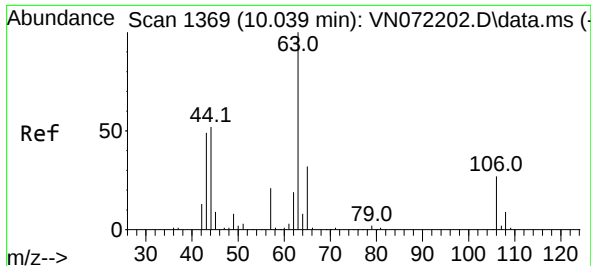
Tgt Ion: 97	Resp: 43304
Ion Ratio	Lower Upper
97 100	
83 7.7	66.2 99.4#
85 4.6	43.9 65.9#
99 0.0	50.6 76.0#



#56
Ethyl methacrylate
Concen: 3.162 ug/l
RT: 10.780 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 69	Resp: 5488
Ion Ratio	Lower Upper
69 100	
41 146.8	47.8 71.6#
39 0.0	27.3 40.9#

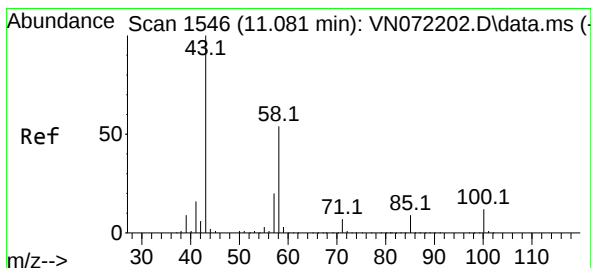
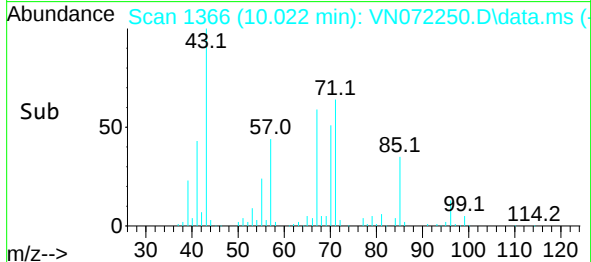
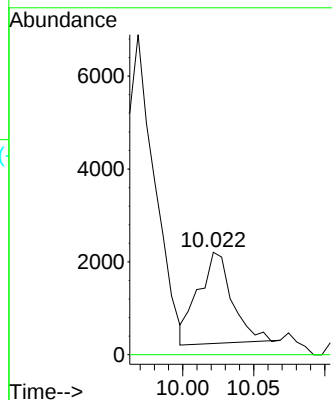
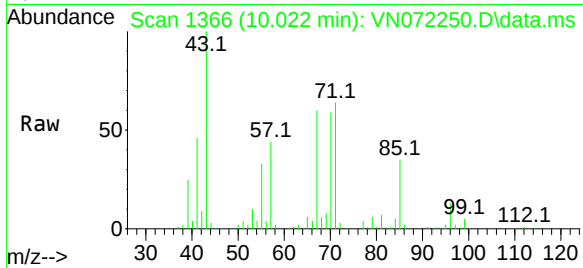




#58
2-Chloroethyl Vinyl ether
Concen: 19.437 ug/l
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

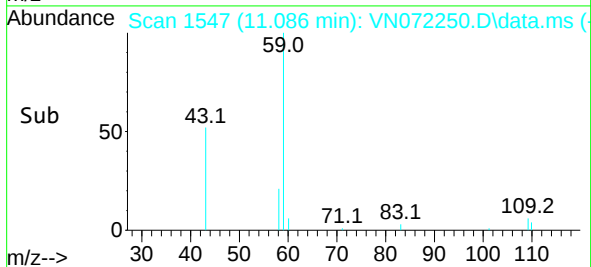
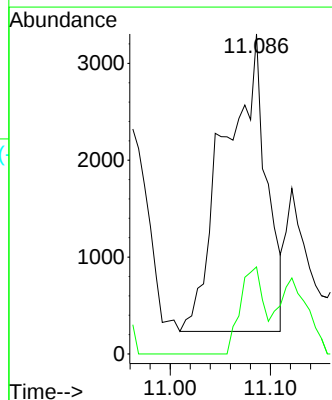
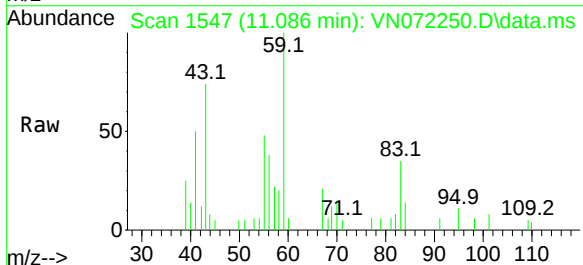
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

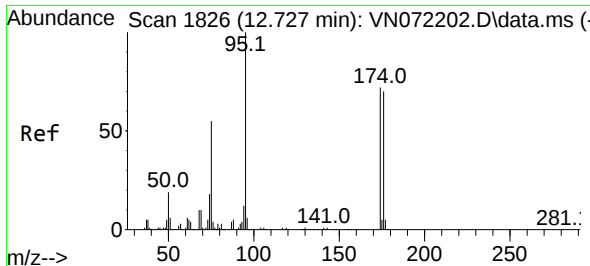
Tgt Ion: 63 Resp: 3237
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 2.085 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 43 Resp: 8868
Ion Ratio Lower Upper
43 100
58 16.3 29.7 89.1#

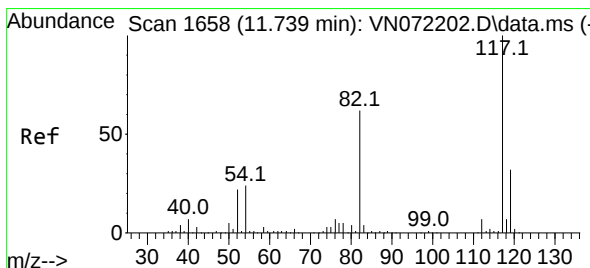
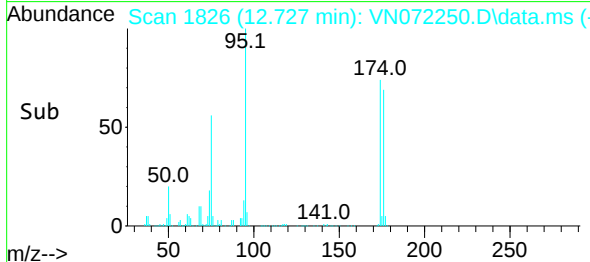
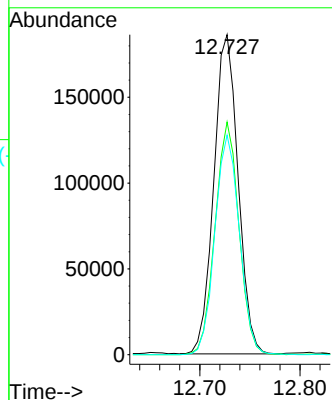
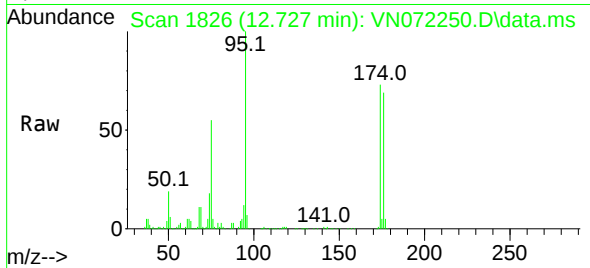




#62
4-Bromofluorobenzene
Concen: 72.460 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

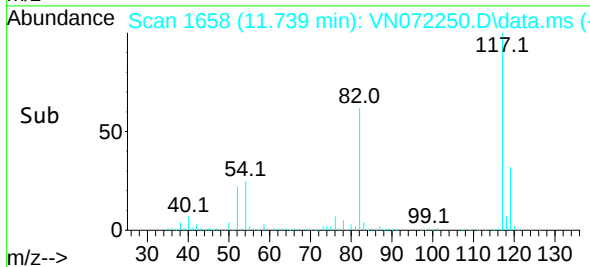
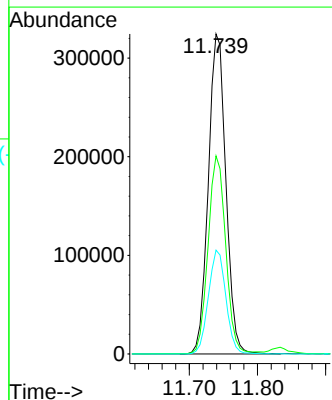
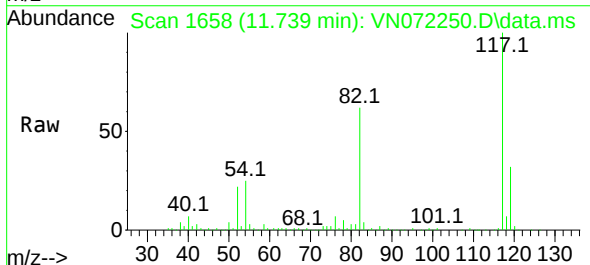
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

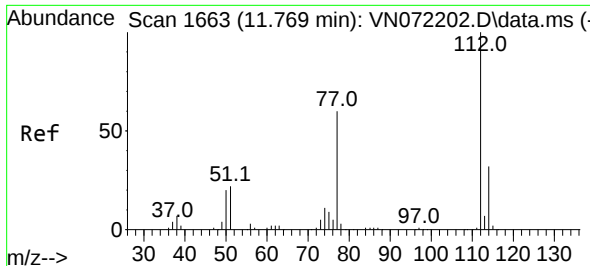
Tgt Ion: 95 Resp: 312746
Ion Ratio Lower Upper
95 100
174 71.8 0.0 167.6
176 69.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 117 Resp: 581242
Ion Ratio Lower Upper
117 100
82 61.8 44.2 66.2
119 32.4 25.4 38.0

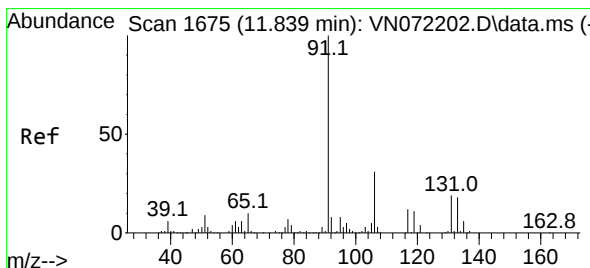
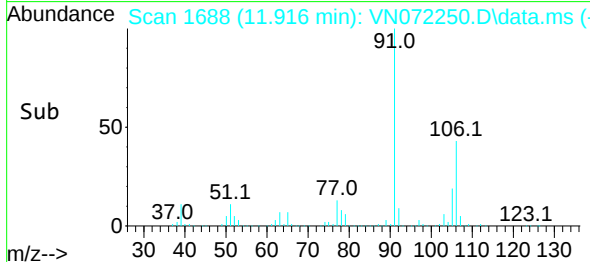
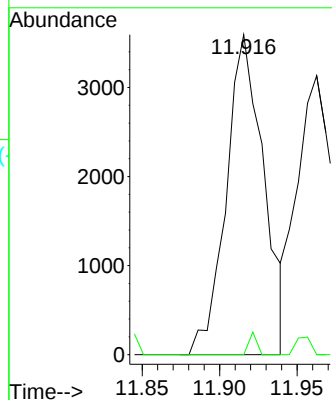
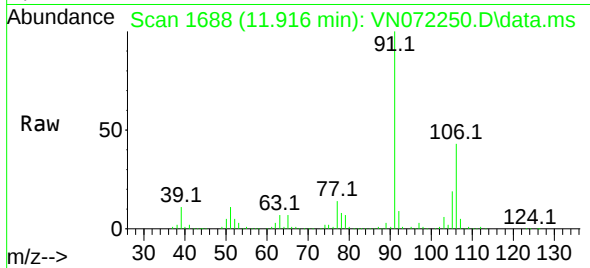




#65
Chlorobenzene
Concen: 0.515 ug/l
RT: 11.916 min Scan# 1688
Delta R.T. 0.147 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

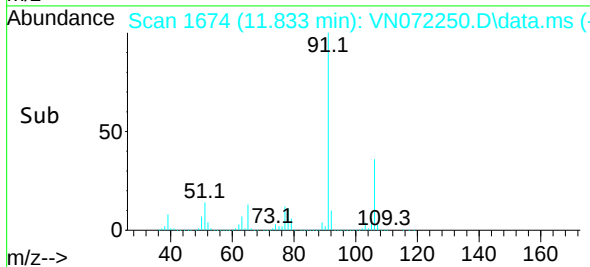
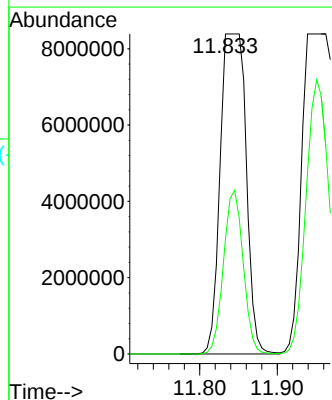
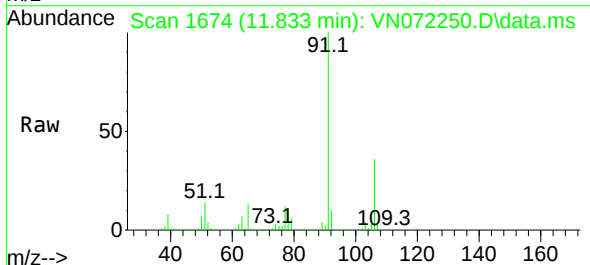
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

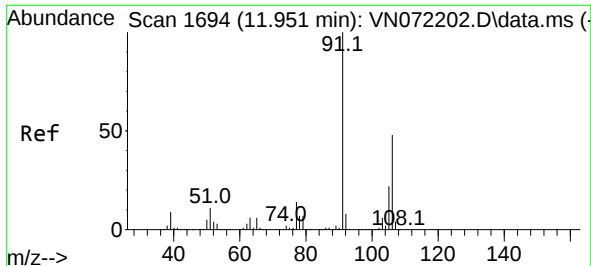
Tgt Ion:112 Resp: 6054
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 950.951 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 91 Resp:19476482
Ion Ratio Lower Upper
91 100
106 36.0 24.9 37.3

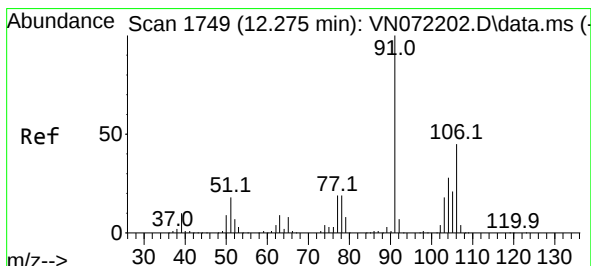
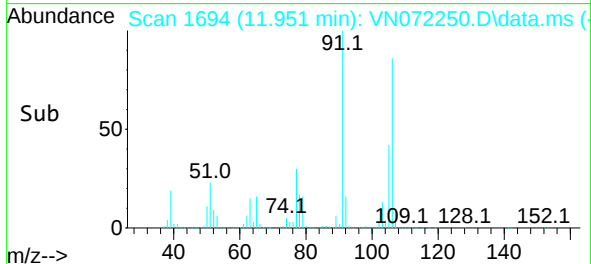
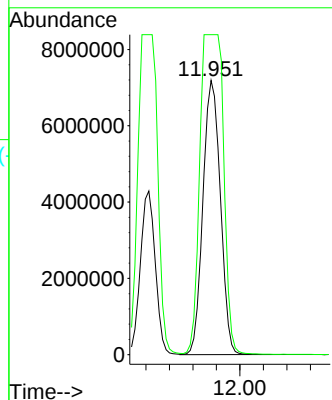
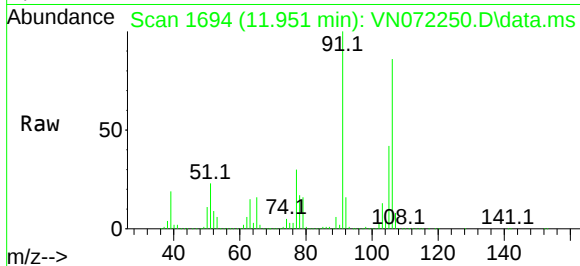




#68
m/p-Xylenes
Concen: 1946.302 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

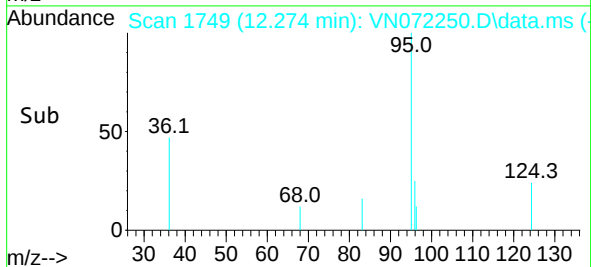
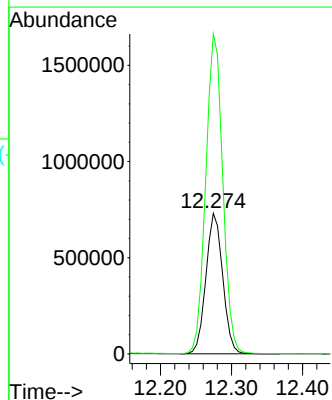
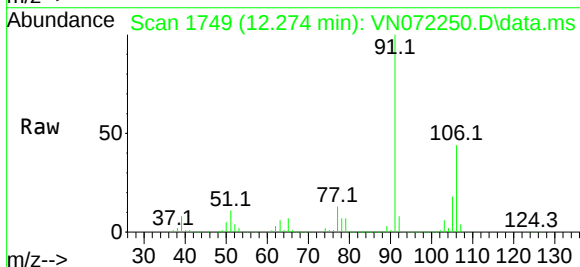
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

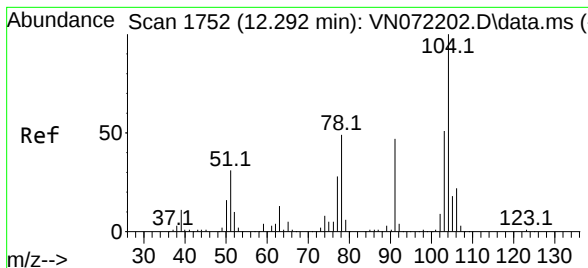
Tgt Ion:106 Resp:14802478
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#



#69
o-Xylene
Concen: 163.028 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion:106 Resp: 1202012
Ion Ratio Lower Upper
106 100
91 230.2 106.0 318.0





#70

Styrene

Concen: 5.099 ug/l

RT: 12.274 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-14S

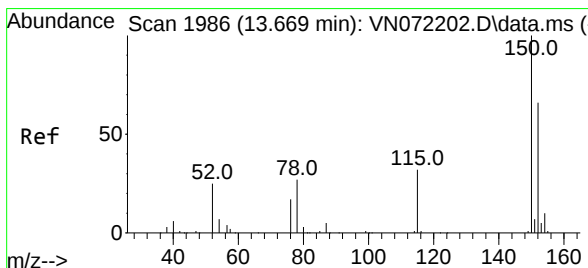
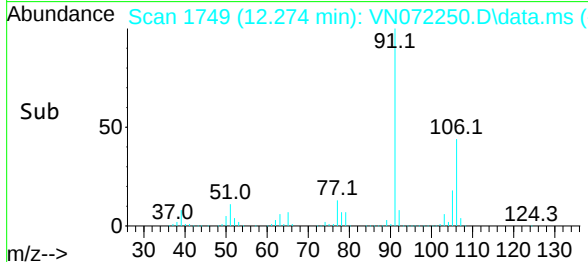
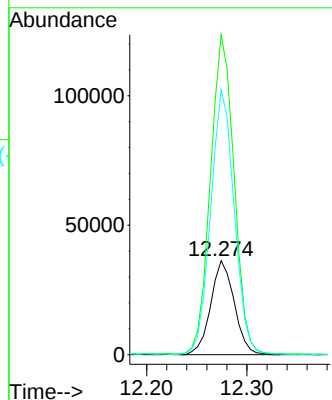
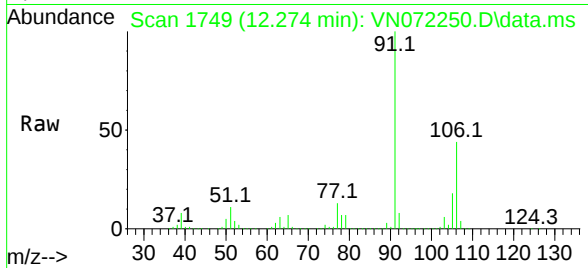
Tgt Ion:104 Resp: 59216

Ion Ratio Lower Upper

104 100

78 342.2 39.5 59.3#

103 283.5 44.0 66.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

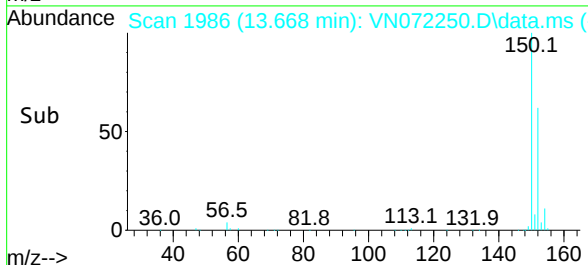
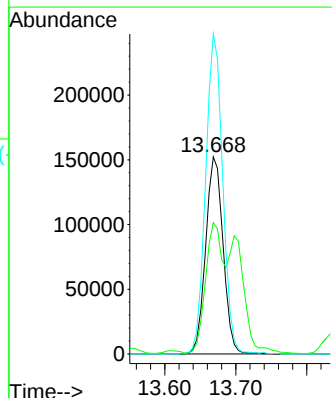
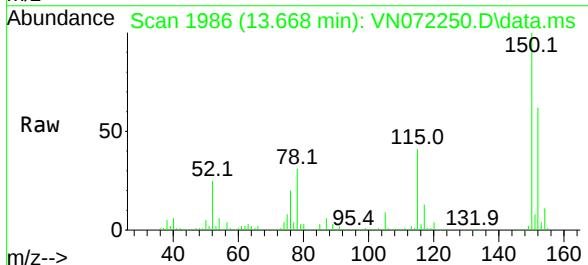
Tgt Ion:152 Resp: 259854

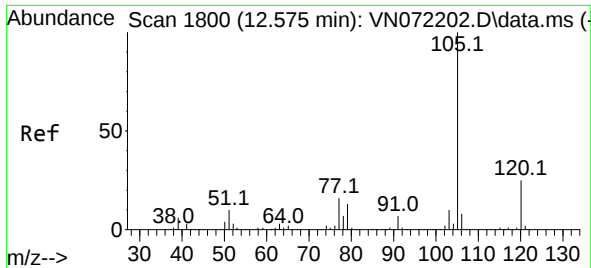
Ion Ratio Lower Upper

152 100

115 68.4 28.9 86.7

150 159.2 0.0 356.2

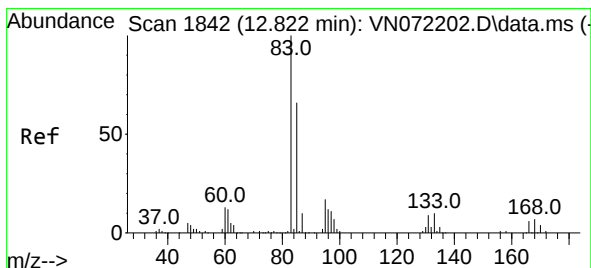
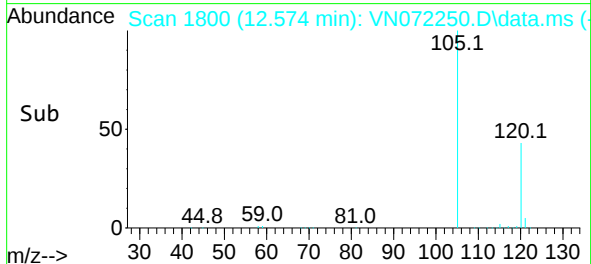
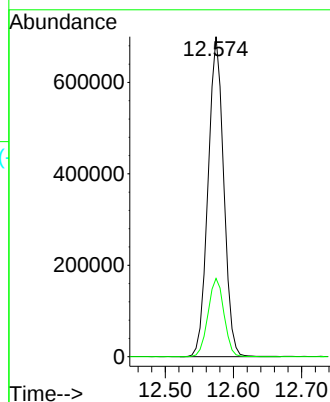
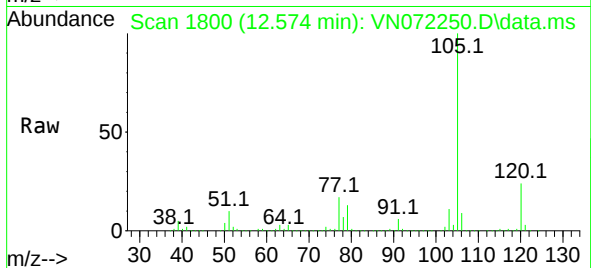




#73
Isopropylbenzene
Concen: 48.578 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

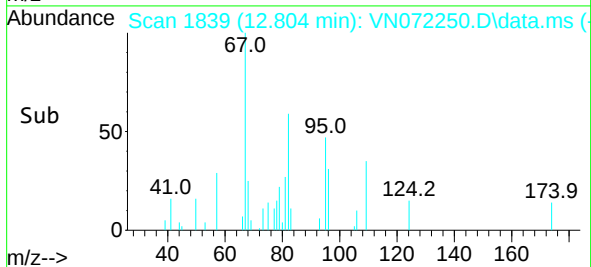
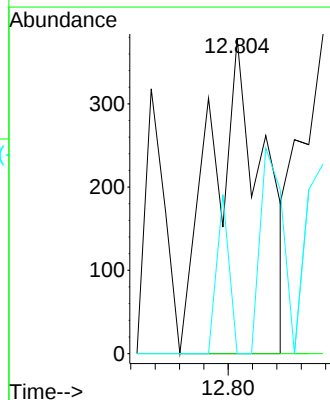
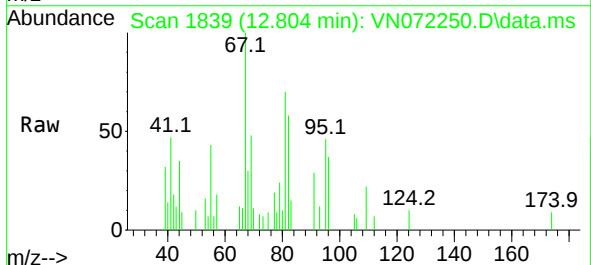
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

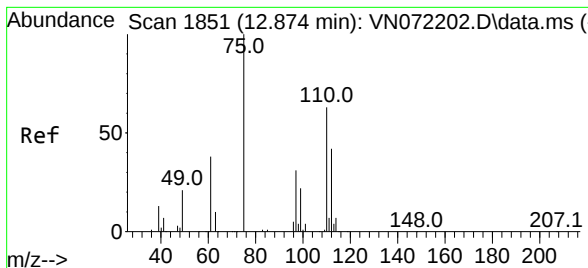
Tgt Ion:105 Resp: 1114885
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.804 min Scan# 1839
Delta R.T. -0.018 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 83 Resp: 572
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#





#76

1,2,3-Trichloropropane

Concen: 0.944 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. 0.041 min

Lab File: VN072250.D

Acq: 28 Apr 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

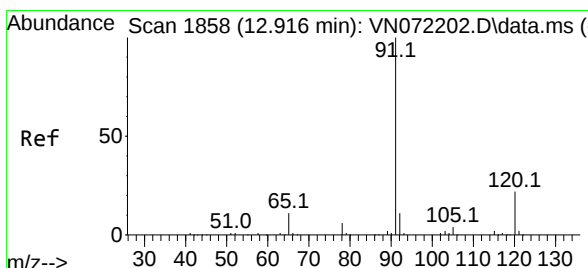
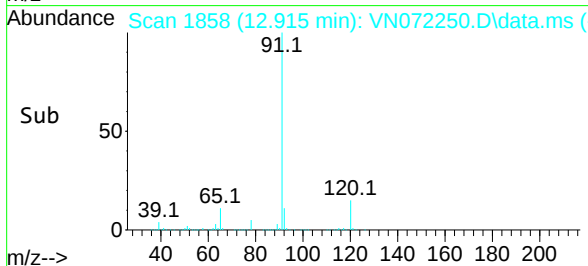
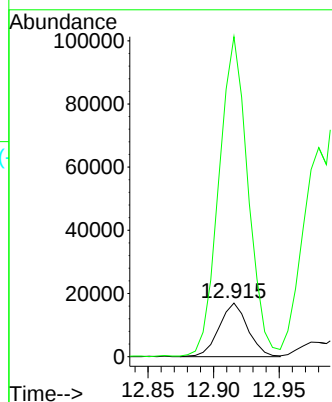
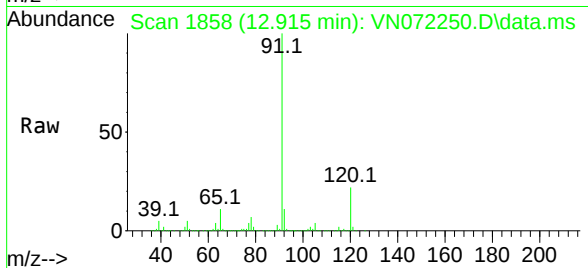
MW-14S

Tgt Ion: 75 Resp: 25843

Ion Ratio Lower Upper

75 100

77 606.9 98.5 295.5#



#78

n-propylbenzene

Concen: 147.405 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. -0.001 min

Lab File: VN072250.D

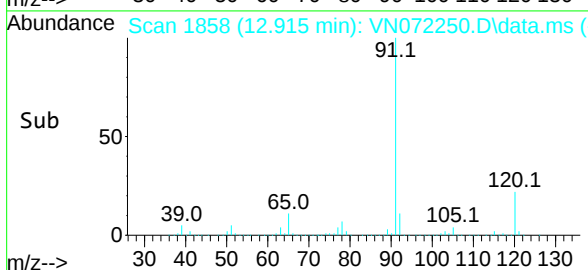
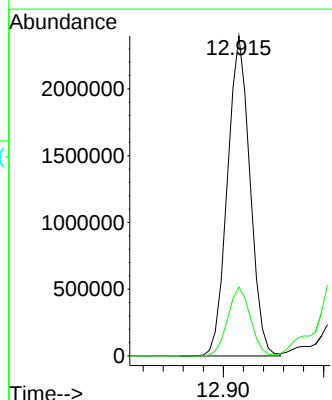
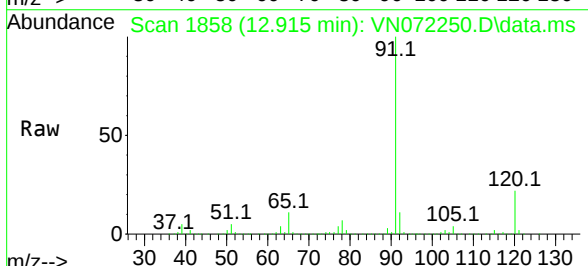
Acq: 28 Apr 2022 20:12

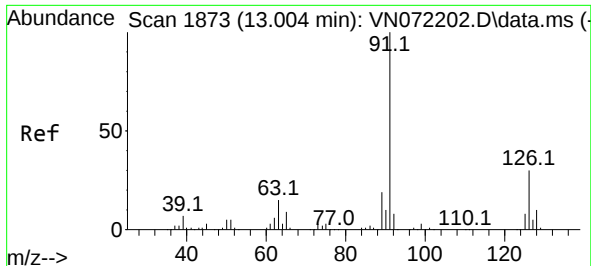
Tgt Ion: 91 Resp: 3726890

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.5

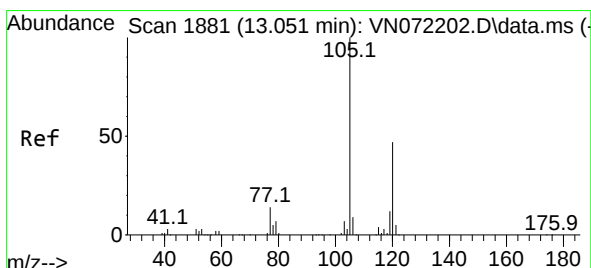
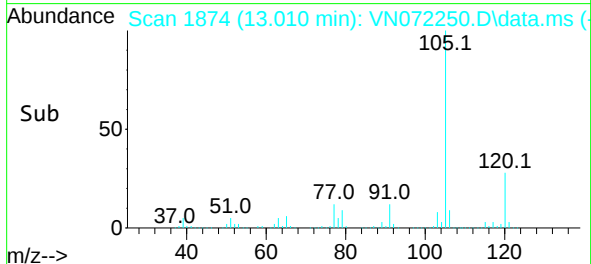
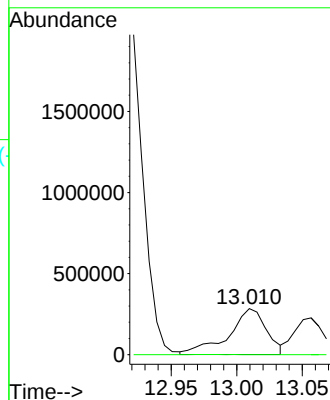
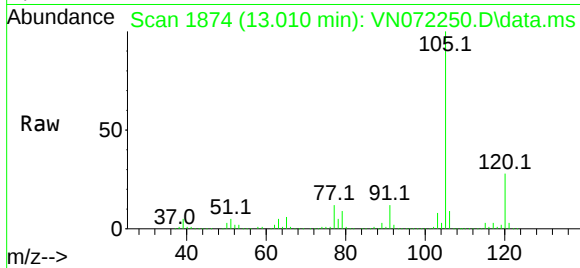




#79
2-Chlorotoluene
Concen: 34.254 ug/l
RT: 13.010 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

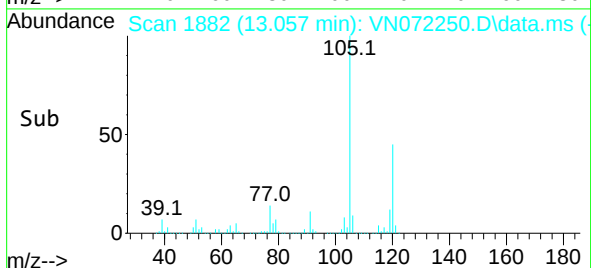
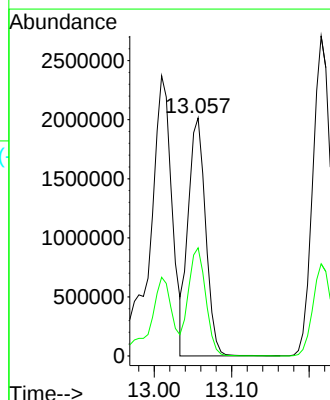
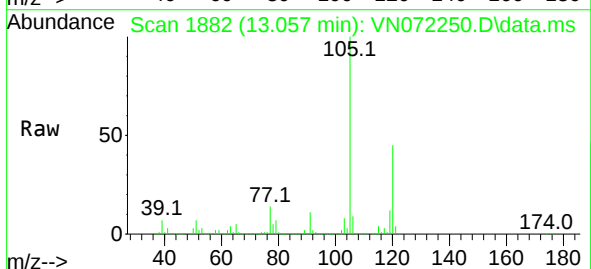
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

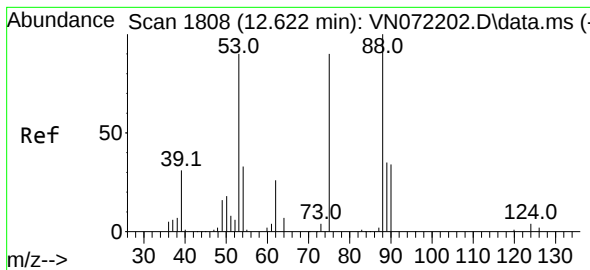
Tgt Ion: 91 Resp: 568855
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 164.369 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 105 Resp: 3141636
Ion Ratio Lower Upper
105 100
120 45.5 24.9 74.7

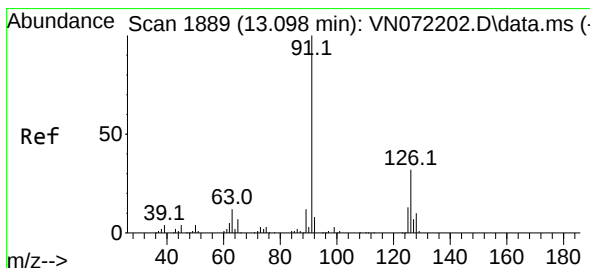
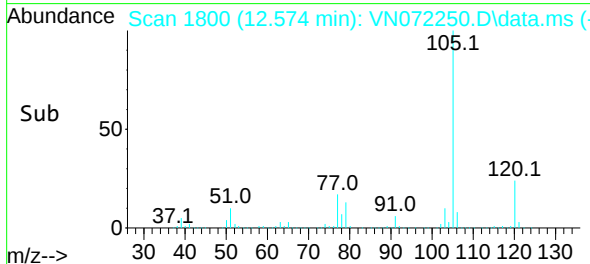
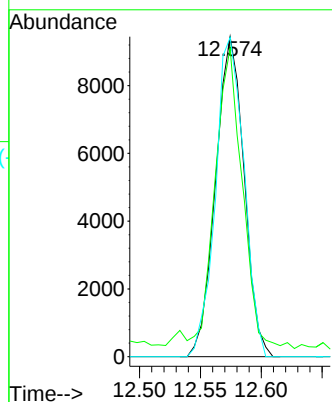
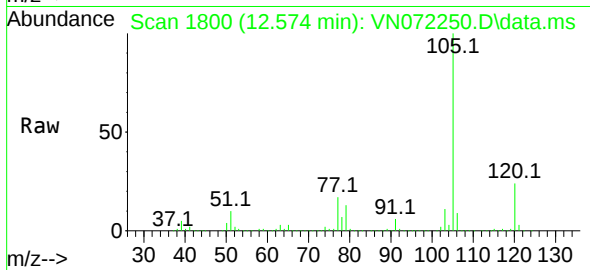




#81
trans-1,4-Dichloro-2-butene
Concen: 6.835 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.048 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

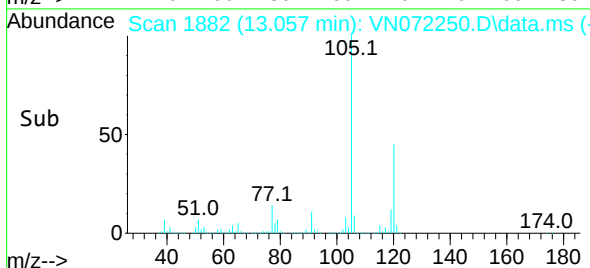
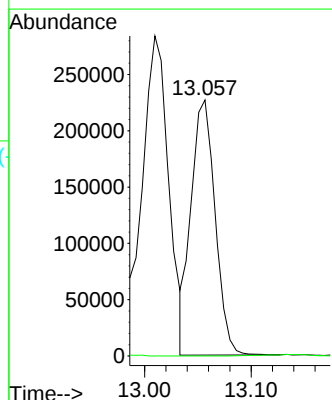
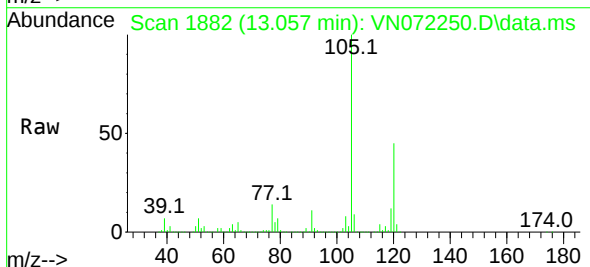
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

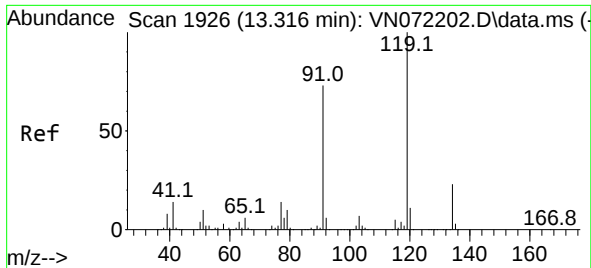
Tgt Ion: 75 Resp: 15361
Ion Ratio Lower Upper
75 100
53 90.9 78.0 117.0
89 99.8 37.2 55.8#



#82
4-Chlorotoluene
Concen: 23.056 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 91 Resp: 356422
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

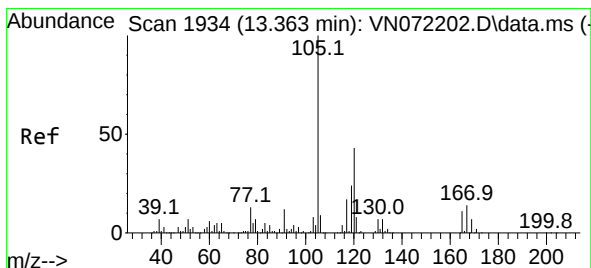
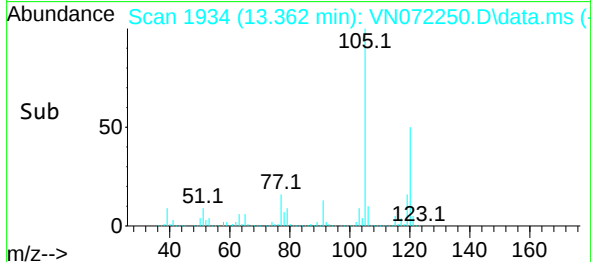
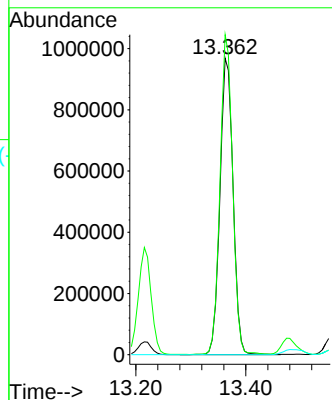
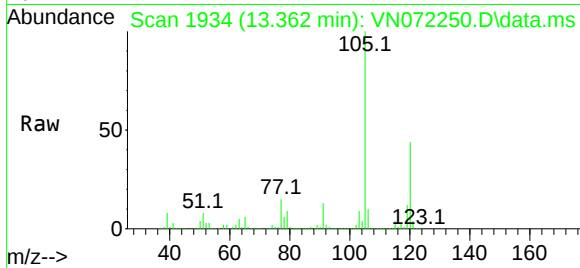




#83
 tert-Butylbenzene
 Concen: 95.354 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. 0.046 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

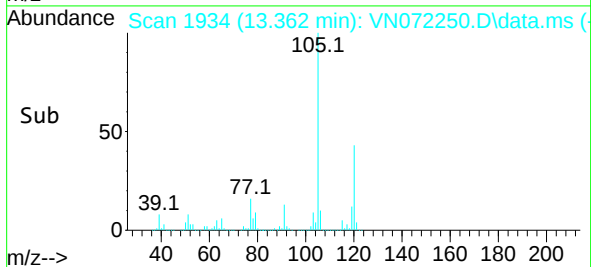
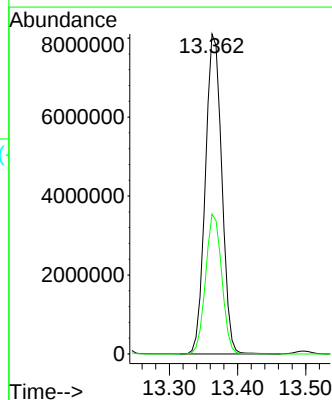
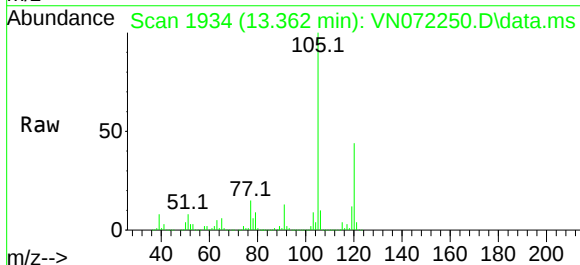
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14S

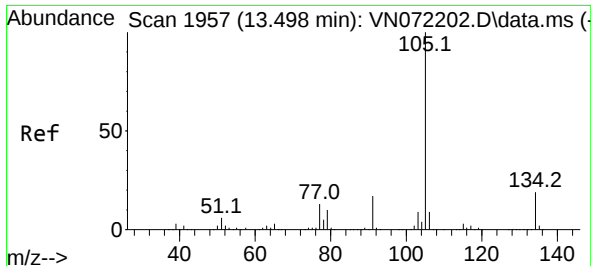
Tgt Ion:119 Resp: 1600180
 Ion Ratio Lower Upper
 119 100
 91 104.0 31.6 94.8#
 134 0.0 13.7 41.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 734.659 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. -0.001 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

Tgt Ion:105 Resp:13585965
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.3 69.8

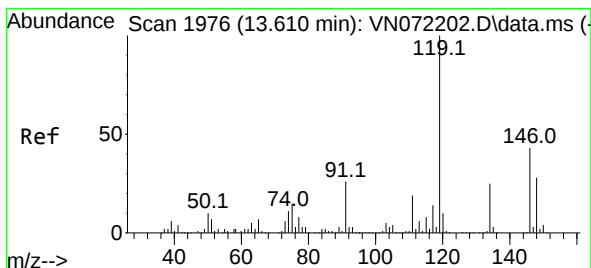
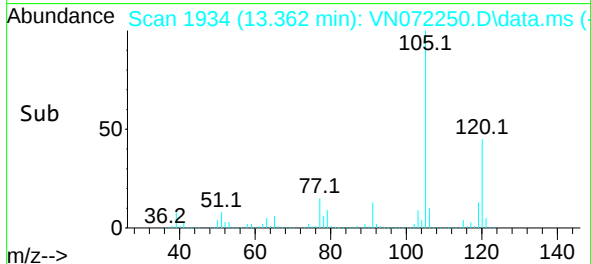
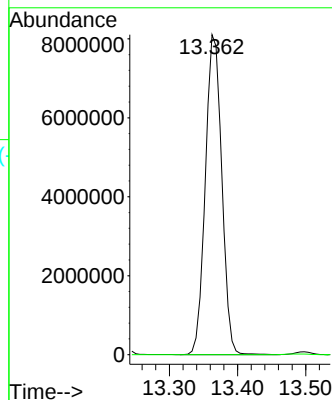
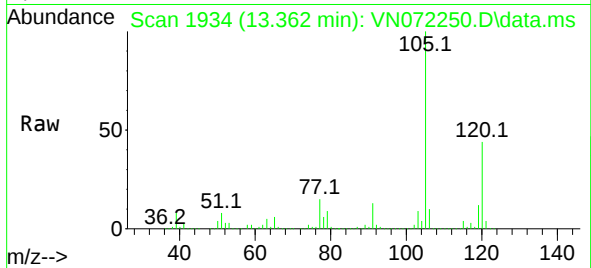




#85
 sec-Butylbenzene
 Concen: 620.969 ug/l
 RT: 13.362 min Scan# 1957
 Delta R.T. -0.136 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

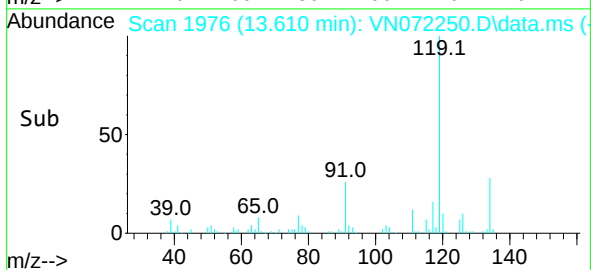
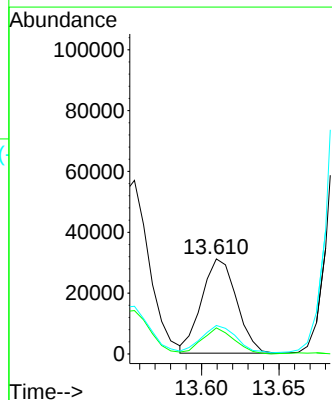
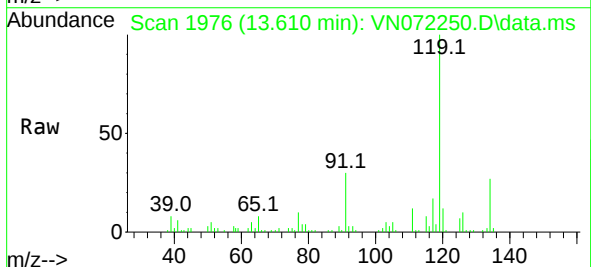
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14S

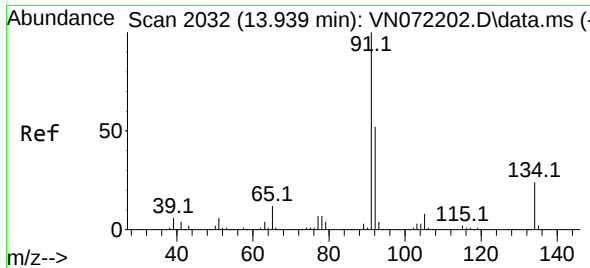
Tgt Ion:105 Resp:13585965
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.849 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

Tgt Ion:119 Resp: 48597
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 0.0 11.3 33.9#

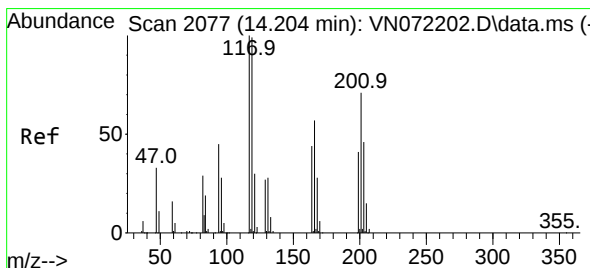
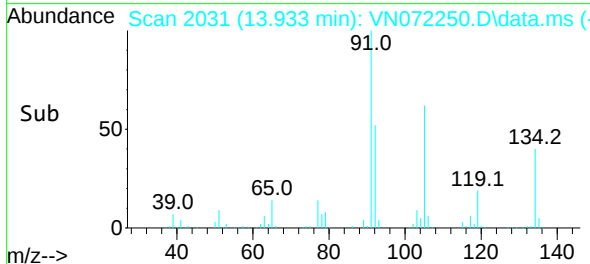
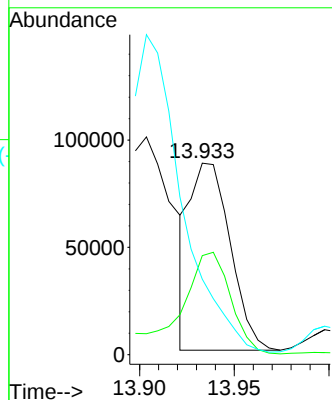
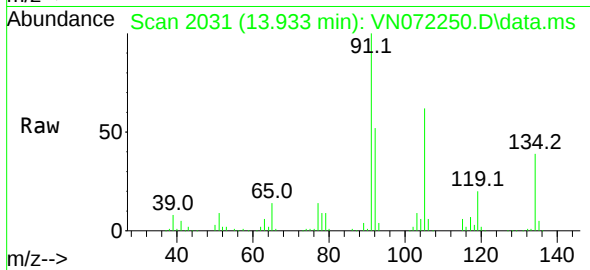




#89
n-Butylbenzene
Concen: 9.880 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

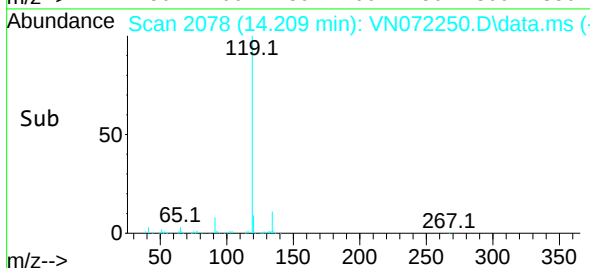
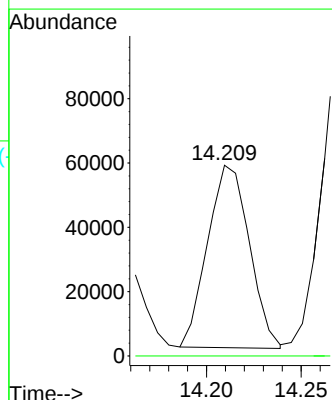
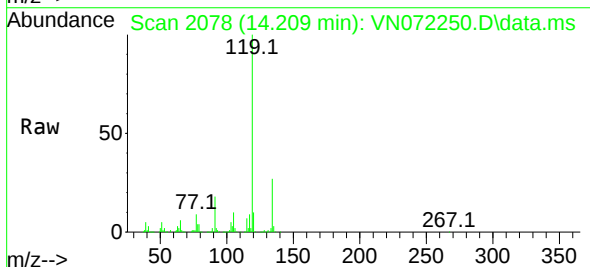
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

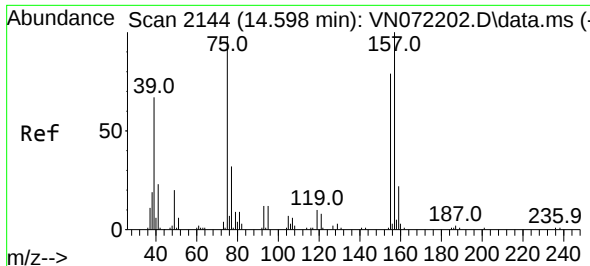
Tgt Ion: 91 Resp: 129084
Ion Ratio Lower Upper
91 100
92 63.2 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 23.500 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. 0.005 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

Tgt Ion: 117 Resp: 87016
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

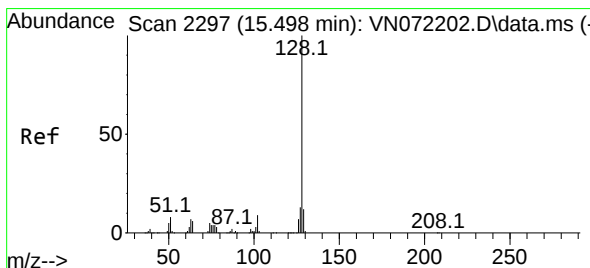
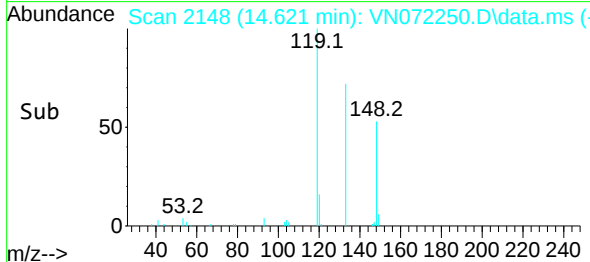
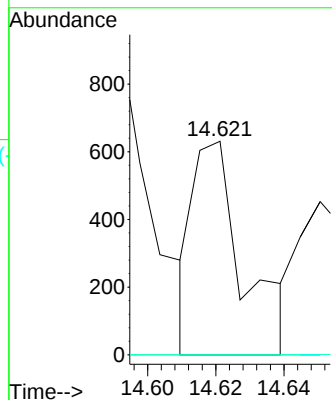
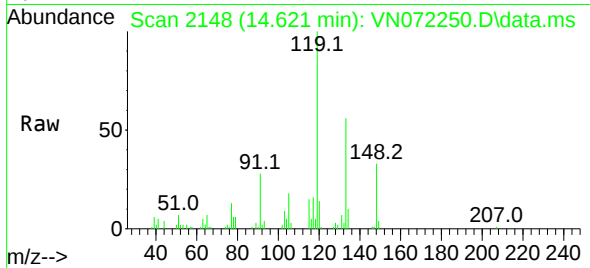




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.407 ug/l
RT: 14.621 min Scan# 2144
Delta R.T. 0.023 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

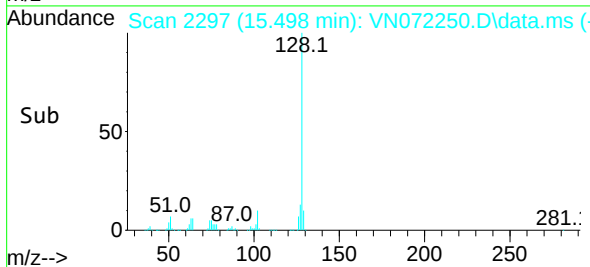
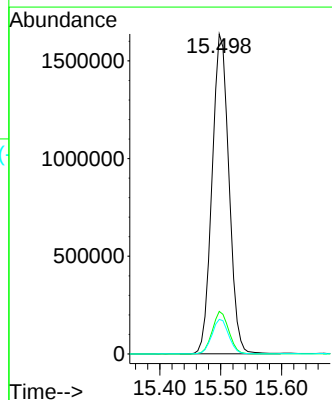
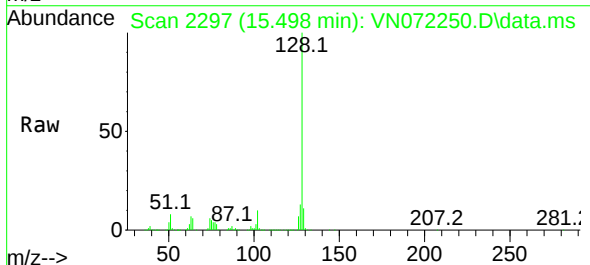
Instrument :
MSVOA_N
ClientSampleId :
MW-14S

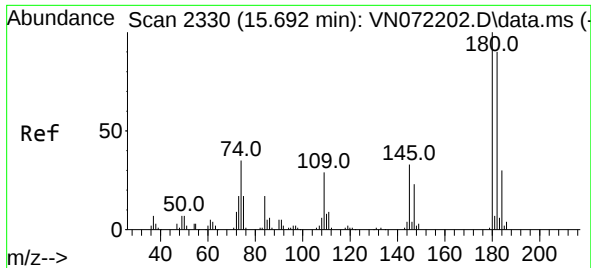
Tgt Ion: 75 Resp: 646
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 218.166 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072250.D
Acq: 28 Apr 2022 20:12

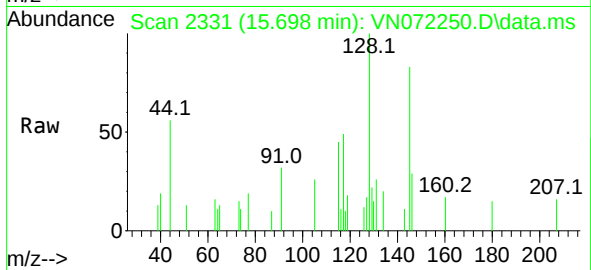
Tgt Ion: 128 Resp: 3149255
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.693 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072250.D
 Acq: 28 Apr 2022 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14S



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

